

singlechaintoxin.txt

? e au=shone, c?

Ref	Items	Index-term
E1	32	AU=SHONE, C. C.
E2	4	AU=SHONE, C.C.
E3	0	AU=SHONE, C?
E4	56	AU=SHONE, CC
E5	4	AU=SHONE, CC*
E6	1	AU=SHONE, CHARLES CLIFFORD
E7	1	AU=SHONE, CLIFF
E8	2	AU=SHONE, CLIFF C.
E9	5	AU=SHONE, CLIFFORD
E10	14	AU=SHONE, CLIFFORD C
E11	9	AU=SHONE, CLIFFORD C (ED)
E12	53	AU=SHONE, CLIFFORD C.
E13	1	AU=SHONE, CLIFFORD C. (ED)
E14	15	AU=SHONE, CLIFFORD CHARLES
E15	1	AU=SHONE, D.
E16	1	AU=SHONE, D. G.
E17	2	AU=SHONE, D. K.
E18	1	AU=SHONE, D. L
E19	7	AU=SHONE, D. L.
E20	3	AU=SHONE, D.L.
E21	2	AU=SHONE, DG
E22	3	AU=SHONE, DICK
E23	2	AU=SHONE, DUDLEY K.
E24	10	AU=SHONE, E. B.
E25	3	AU=SHONE, E.B

Enter PAGE for more

? s e1-e14

	32	AU=SHONE, C. C.
	4	AU=SHONE, C.C.
	0	AU=SHONE, C?
	56	AU=SHONE, CC
	4	AU=SHONE, CC*
	1	AU=SHONE, CHARLES CLIFFORD
	1	AU=SHONE, CLIFF
	2	AU=SHONE, CLIFF C.
	5	AU=SHONE, CLIFFORD
	14	AU=SHONE, CLIFFORD C
	9	AU=SHONE, CLIFFORD C (ED)
	53	AU=SHONE, CLIFFORD C.
	1	AU=SHONE, CLIFFORD C. (ED)
	15	AU=SHONE, CLIFFORD CHARLES
S10	196	S E1-E14

? s s10 and toxin

	196	S10
	1038535	TOXIN
S11	140	S S10 AND TOXIN

? rd

>>>w: Duplicate detection is not supported for File 393.
 Duplicate detection is not supported for File 391.
 Records from unsupported files will be retained in the RD set.
 S12 85 RD (UNIQUE ITEMS)

? t s12/3,k/1-85

>>>w: KWIC option is not available in file(s): 399
 12/3,k/1 (Item 1 from file: 6) Links
 Fulltext available through: Check for PDF Download Availability and Purchase
 NTIS
 (c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.
 Page 1

singlechaintoxin.txt
1919572 NTIS Accession Number: AD-A252 400/7
Purification and Radiolabeling of Clostridium botulinum Type F Neurotoxin.
(Reannouncement with New Availability Information)

Shone, C. C. ; Tranter, H. S. ; Alexander, F. C.
Porton Products Ltd., Washington, DC.
Corporate Source Codes: 103831000; 422423

1992 17p
Language: English Document Type: Journal article
Journal Announcement: GRAI9603
Pub. in Methods in Neurosciences, v8 p165-179 1992. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at
(703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port
Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Shone, C. C. ; Tranter, H. S. ; Alexander, F. C.
...all the botulinum neurotoxins is the neuromuscular junction where, following a
binding step in which toxin molecules interact with acceptor sites on the
presynaptic nerve surface, they enter the nerve ending... ...molecule on the
presynaptic nerve surface and once inside the nerve ending not all the toxin types
appear to block the transmitter release process by the same mechanism.
Descriptors:

12/3,K/2 (Item 2 from file: 6) Links
Fulltext available through: Check for PDF Download Availability and Purchase
NTIS
(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.
1901268 NTIS Accession Number: AD-A245 627/5
Multiple Domains of Botulinum Neurotoxin Contribute to Its Inhibition of Transmitter
Release in Aplysia Neurons. (Reannouncement with New Availability Information)
Poulain, B. ; Wadsworth, J. D. ; Shone, C. C. ; Mochida, S. ; Lande, S.
Imperial Coll. of Science and Technology, London (England).
Corporate Source Codes: 012594000; 176350

25 Dec 89 8p
Language: English Document Type: Journal article
Journal Announcement: GRAI9522
Pub. in Jnl. of Biological Chemistry, v264 n36 p21928-21933, 25 Dec 89. Order this
product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other
countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01
Poulain, B. ; Wadsworth, J. D. ; Shone, C. C. ; Mochida, S. ; Lande, S.
...internalization, and inhibition of transmitter release by botulinum neurotoxin
(BoNT) was investigated using the intact toxin, its heavy (HC) or light (LC) chains,
and a proteolytic fragment thereof. In Aplysia neurons...
Descriptors:

12/3,K/3 (Item 3 from file: 6) Links
Fulltext available through: Check for PDF Download Availability and Purchase
NTIS
(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.
1901267 NTIS Accession Number: AD-A245 626/7
Inhibition of Transmitter Release by Botulinum Neurotoxin A: Contribution of Various
Fragments to the Intoxication Process. (Reannouncement with New Availability
Information)

Poulain, B. ; Wadsworth, J. D. ; Maisey, E. A. ; Shone, C. C. ; Melling, J.
Imperial Coll. of Science and Technology, London (England).

Corporate Source Codes: 012594000; 176350

1989 8p

Language: English Document Type: Journal article

Journal Announcement: GRAI9522

Pub. in European Jnl. of Biochemistry, v185 p197-203 1989. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

Poulain, B. ; Wadsworth, J. D. ; Maisey, E. A. ; Shone, C. C. ; Melling, J.

...the neuromuscular junction the potency of this mixture was much lower than that of native toxin. A similar blockade resulted when heavy chain was applied intracellularly and H2L added to the...

Descriptors:

12/3,K/4 (Item 4 from file: 6) Links

Fulltext available through: Check for PDF Download Availability and Purchase

NTIS

(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

1665893

NTIS Accession Number: AD-A252 400/7

Purification and Radiolabeling of Clostridium botulinum Type F Neurotoxin

Shone, C. C. ; Tranter, H. S. ; Alexander, F. C.

Porton Products Ltd., Washington, DC.

Corporate Source Codes: 103831000; 422423

1992 17p

Language: English Document Type: Journal article

Journal Announcement: GRAI9220

Pub. in Methods in Neurosciences, v8 p165-179 1992. Available only to DTIC users. No copies furnished by NTIS.

NTIS Prices: Not available NTIS

Shone, C. C. ; Tranter, H. S. ; Alexander, F. C.

...all the botulinum neurotoxins is the neuromuscular junction where, following a binding step in which toxin molecules interact with acceptor sites on the presynaptic nerve surface, they enter the nerve ending... ...molecule on the presynaptic nerve surface and once inside the nerve ending not all the toxin types appear to block the transmitter release process by the same mechanism.

Descriptors:

12/3,K/5 (Item 5 from file: 6) Links

Fulltext available through: Check for PDF Download Availability and Purchase

NTIS

(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

1634657

NTIS Accession Number: AD-A245 627/5

Multiple Domains of Botulinum Neurotoxin Contribute to Its Inhibition of Transmitter Release in Aplysia Neurons

Poulain, B. ; Wadsworth, J. D. ; Shone, C. C. ; Mochida, S. ; Lande, S.

Imperial Coll. of Science and Technology, London (England).

Corporate Source Codes: 012594000; 176350

25 Dec 89 8p

Language: English Document Type: Journal article

Journal Announcement: GRAI9210

Pub. in Jnl. of Biological Chemistry, v264 n36 p21928-21933, 25 Dec 89. Available only to DTIC users. No copies furnished by NTIS.

NTIS Prices: Not available NTIS

Poulain, B. ; Wadsworth, J. D. ; Shone, C. C. ; Mochida, S. ; Lande, S.

...internalization, and inhibition of transmitter release by botulinum neurotoxin

singlechaintoxin.txt

(BoNT) was investigated using the intact toxin, its heavy (HC) or light (LC) chains, and a proteolytic fragment thereof. In Aplysia neurons...
Descriptors:

12/3,K/6 (Item 6 from file: 6) Links

Fulltext available through: Check for PDF Download Availability and Purchase

NTIS

(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

1634656 NTIS Accession Number: AD-A245 626/7

Inhibition of Transmitter Release by Botulinum Neurotoxin A: Contribution of Various Fragments to the Intoxication Process

Poulain, B. ; Wadsworth, J. D. ; Maisey, E. A. ; Shone, C. C. ; Melling, J.
Imperial Coll. of Science and Technology, London (England).

Corporate Source Codes: 012594000; 176350

1989 8p

Language: English Document Type: Journal article

Journal Announcement: GRAI9210

Pub. in European Jnl. of Biochemistry, v185 p197-203 1989. Available only to DTIC users. No copies furnished by NTIS.

NTIS Prices: Not available NTIS

Poulain, B. ; Wadsworth, J. D. ; Maisey, E. A. ; Shone, C. C. ; Melling, J.
...the neuromuscular junction the potency of this mixture was much lower than that of native toxin. A similar blockade resulted when heavy chain was applied intracellularly and H2L added to the...
Descriptors:

12/3,K/7 (Item 1 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0002792892 IP Accession No: 6677378

Analysis of the substrate recognition domain determinants of Botulinum Type B toxin using Phage Display

Evans, ER; Sutton, JM; Gravett, A; Shone, CC Health Protection Agency, Centre for Emergency Preparedness and Response, Porton Down, Salisbury, Wilts. SP4 0JG, UK, [mailto:liz.evans@hpa.org.uk]

Toxicon, v 46, n 4, p 446-453, September 2005

Publication Date: 2005

Publisher: Elsevier Science Ltd., Pergamon, P.O. Box 800 Kidlington Oxford OX5 1DX UK, [mailto:nlinfo-f@elsevier.nl], [URL:http://www.elsevier.nl]

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0041-0101

File Segment: Toxicology Abstracts

Analysis of the substrate recognition domain determinants of Botulinum Type B toxin using Phage Display

Evans, ER; Sutton, JM; Gravett, A; Shone, CC

Abstract:

...employed to generate a library of vesicle-associated membrane protein (VAMP2) variants in which the toxin recognition motif (part of the SNARE motif ELDDRADA) has been modified. VAMP (1-94) was...

singlechaintoxin.txt

12/3,K/8 (Item 2 from file: 24) Links
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0002486360 IP Accession No: 5645004
Recombinant toxin fragments

Shone, CC; Quinn, CP; Foster, KA Microbiological Research Authority
, p [np] , October 8, 2002
Publication Date: 2002

Document Type: Patent
Record Type: Abstract
Language: English
Summary Language: English
File Segment: Medical & Pharmaceutical Biotechnology Abstracts
Recombinant toxin fragments

Shone, CC; Quinn, CP; Foster, KA

Abstract:

...membrane associated proteins essential to exocytosis. The polypeptide thus combines useful properties of a clostridial toxin, such as a botulinum or tetanus toxin, without the toxicity associated with the natural molecule. The polypeptide can also contain a third... ..activation of the polypeptide is possible and the polypeptide can be incorporated into vaccines and toxin assays.

12/3,K/9 (Item 3 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0002373660 IP Accession No: 5450650
Inhibition of Release of Neurotransmitters from Rat Dorsal Root Ganglia by a Novel Conjugate of a Clostridium botulinum Toxin A Endopeptidase Fragment and Erythrina cristagalli Lectin

Duggan, MJ; Quinn, CP; Chaddock, JA; Purkiss, JR; Alexander, FCG; Doward, S; Fooks, SJ; Friis, LM; Hall, YHJ; Kirby, ER; Leeds, N; Moulds, HJ; Dickenson, A; Green, GM; Rahman, W; Suzuki, R; Shone, CC; Foster, KA Centre for Applied Microbiology and Research, Porton Down, Salisbury, Wiltshire SP4 0JG, United Kingdom,
[mailto:john.chaddock@camr.org.uk]
Journal of Biological Chemistry , v 277 , n 38 , p 34846-34852 , September 20, 2002
Publication Date: 2002

Document Type: Journal Article
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 0021-9258
File Segment: Toxicology Abstracts; CSA Neurosciences Abstracts
...of Neurotransmitters from Rat Dorsal Root Ganglia by a Novel Conjugate of a Clostridium botulinum Toxin A Endopeptidase Fragment and Erythrina cristagalli Lectin

...YHJ; Kirby, ER; Leeds, N; Moulds, HJ; Dickenson, A; Green, GM; Rahman, W; Suzuki, R; Shone, CC; Foster, KA

12/3,K/10 (Item 4 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts

singlechaintoxin.txt

(c) 2008 CSA. All rights reserved.

0002161640 IP Accession No: 4794225

Modification of surface histidine residues abolishes the cytotoxic activity of Clostridium difficile toxin A

Roberts, AK; Shone, CC Research Division, Centre for Applied Microbiology and Research, Porton Down, Salisbury, Wiltshire SP4 0JG, UK,
[mailto:april.roberts@camr.org.uk]

Toxicon , v 39 , n 2-3 , p 325-333 , March 2000

Publication Date: 2000

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0041-0101

File Segment: Bacteriology Abstracts (Microbiology B); Toxicology Abstracts

Modification of surface histidine residues abolishes the cytotoxic activity of Clostridium difficile toxin A

Roberts, AK; Shone, CC

Abstract:

Clostridium difficile toxin A displays both cytotoxic and enterotoxigenic activities. It has recently been demonstrated that toxin A exerts its cytotoxic effect by the glucosylation of the small GTP-binding proteins of... Diethyl pyrocarbonate, at pH 7.0, was used to chemically modify exposed histidine residues on toxin A. Modification of toxin A with diethyl pyrocarbonate abolished both its cytotoxic activity and the ability of the toxin to bind Zn-Sepharose gel. Treatment of toxin A with [super(14)C]-diethyl pyrocarbonate revealed concentration dependent labelling of histidine residues on the toxin molecules. The effects of diethyl pyrocarbonate could be reversed by hydroxylamine treatment. These data suggest the modified histidine residues on toxin A are critical to its cytotoxic activity. Histidine modification had no effect on the glucosyl transferase enzyme activity of toxin A. However, modification abolished the 'cold' binding of toxin to bovine thyroglobulin in an ELISA and reduced ligand binding activity in a rabbit erythrocyte... data suggest that the histidine residues may be crucial to the receptor-binding activity of toxin A. Exposed histidines on toxin A are available for zinc chelation, and these have been exploited in the development of a novel purification protocol for toxin A using zinc-chelating chromatography.

Descriptors: Rho protein; Cytotoxicity; Toxin A; Clostridium difficile

Identifiers:

12/3,K/11 (Item 5 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001780966 IP Accession No: 4215574

The interaction of synaptic vesicle-associated membrane protein/synaptobrevin with botulinum neurotoxins D and F

Pellizzari, R; Mason, S; Shone, CC; Montecucco, C* Centro CNR Biomembrane and Dipto. di Scienze Biomediche, Univ. di Padova, Via G. Colombo 3, 35100 Padova, Italy
FEBS Letters , v 409 , n 3 , p 339-342 , June 1997
Publication Date: 1997

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0014-5793

singlechaintoxin.txt

File Segment: CSA Neurosciences Abstracts; Toxicology Abstracts
Pellizzari, R; Mason, S; Shone, CC; Montecucco, C*

Descriptors:

Identifiers: synaptic vesicle-associated membrane protein; synaptobrevin; botulinum toxin

Subj Catg:

12/3,K/12 (Item 6 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001644038 IP Accession No: 3947840

Development of novel assays for botulinum type A and B neurotoxins based on their endopeptidase activities

Hallis, B; James, BAF; Shone, CC* Protein Toxins Sect., CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG, UK

Journal of Clinical Microbiology, v 34, n 8, p 1934-1938, 1996

Addl. Source Info: Journal of Clinical Microbiology [J. CLIN. MICROBIOL.], vol. 34, no. 8, pp. 1934-1938, 1996

Publication Date: 1996

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0095-1137

File Segment: Bacteriology Abstracts (Microbiology B); Industrial & Applied Microbiology Abstracts (Microbiology A); CSA Neurosciences Abstracts

Hallis, B; James, BAF; Shone, CC*

Abstract:

...substrate representing amino acid residues 60 to 94 of the intracellular target protein for the toxin, VAMP (vesicle-associated membrane protein, or synaptobrevin). In this assay system, immobilized VAMP (60-94on catalyzed reporter deposition. Trypsin treatment of BoNT/B samples, which converts the single-chain toxin to the active di-chain form, was found to increase the sensitivity of the endopeptidase...

12/3,K/13 (Item 7 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001622249 IP Accession No: 3919769

Botulinum neurotoxin C1 cleaves both syntaxin and SNAP-25 in intact and permeabilized chromaffin cells: Correlation with its blockade of catecholamine release

Foran, P; Lawrence, GW; Shone, CC; Foster, KA; Dolly, JO* Dep. Biochem., Imperial Coll., London SW7 2AY, UK

Biochemistry (Washington), v 35, n 8, p 2630-2636, 1996

Addl. Source Info: Biochemistry (Washington) [BIOCHEMISTRY (WASH.)], vol. 35, no. 8, pp. 2630-2636, 1996

Publication Date: 1996

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0006-2960

File Segment: Bacteriology Abstracts (Microbiology B); Toxicology Abstracts; CSA
Neurosciences Abstracts

Foran, P; Lawrence, GW; Shone, CC; Foster, KA; Dolly, JO*

Abstract:

...were examined together with its underlying molecular action. Intact chromaffin cells were exposed to the toxin, and catecholamine release therefrom was then measured in conjunction with the monitoring of syntaxin cleavage... ...C-terminal peptide of SNAP-25 revealed the additional disappearance of immunoreactivity, with the same toxin concentration dependency as syntaxin breakdown. Notably, the cleaved SNAP-25 product was similar in size...

Identifiers: botulinum toxin; syntaxin; SNAP-25 protein

Subj Catg:

12/3,K/14 (Item 8 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001549462 IP Accession No: 3820734

Botulinum neurotoxin type C cleaves a single Lys-Ala bond within the carboxyl-terminal region of syntaxins

Schiavo, G; Shone, CC; Bennett, MK; Scheller, RH; Montecucco, C Cent. CNR
Biomembrane, Univ. Padova, Via Trieste 75, 35121 Padova, Italy

Journal of Biological Chemistry, v 270, n 18, p 10566-10570, 1995

Addl. Source Info: Journal of Biological Chemistry [J. BIOL. CHEM.], vol. 270, no. 18, pp. 10566-10570, 1995

Publication Date: 1995

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0021-9258

File Segment: Bacteriology Abstracts (Microbiology B); Toxicology Abstracts; Medical
& Pharmaceutical Biotechnology Abstracts; CSA Neurosciences Abstracts

Schiavo, G; Shone, CC; Bennett, MK; Scheller, RH; Montecucco, C

Abstract:

...atom of zinc, highly purified preparations of BoNT/C bind two atoms of zinc per toxin molecule. BoNT/C is a zinc-endopeptidase that cleaves syntaxin 1A at the Lys super...

12/3,K/15 (Item 9 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001536323 IP Accession No: 3799570

Differences in the protease activities of tetanus and botulinum B toxins revealed by the cleavage of vesicle-associated membrane protein and various sized fragments

Foran, P; Shone, CC; Dolly, JO* Dep. Biochem., Imperial Coll., London SW7 2AY, UK
Biochemistry (Washington), v 33, n 51, p 15365-15374, 1994

Addl. Source Info: Biochemistry (Washington) [BIOCHEMISTRY (WASH.)], vol. 33, no. 51, pp. 15365-15374, 1994

Publication Date: 1994

Document Type: Journal Article

singlechaintoxin.txt

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0006-2960

File Segment: Bacteriology Abstracts (Microbiology B); Toxicology Abstracts; CSA
Neurosciences Abstracts

Foran, P; Shone, CC; Dolly, JO*

Abstract:

Botulinum neurotoxin serotype B (BoNT/B) and tetanus toxin (TeTx) block neuroexocytosis through selective endoproteolysis of vesicle-associated membrane protein (VAMP). The enzymological properties...

Identifiers: tetanus toxin; botulinum toxin; proteinase

Subj Catg:

12/3,K/16 (Item 10 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001463649 IP Accession No: 3706109

Peptide substrate specificity and properties of the zinc-endopeptidase activity of botulinum type B neurotoxin

Shone, CC; Roberts, AK Protein Toxins Sect., Cent. Appl. Microbiol. and Res., Porton
Down, Salisbury, Wilts SP4 0JG, UK

European Journal of Biochemistry, v 225, n 1, p 263-270, 1994

Addl. Source Info: European Journal of Biochemistry [EUR. J. BIOCHEM.], vol. 225,
no. 1, pp. 263-270, 1994

Publication Date: 1994

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0014-2956

File Segment: Bacteriology Abstracts (Microbiology B)

Shone, CC; Roberts, AK

Abstract:

...2 peptide. The properties and substrate specificity of botulinum type B neurotoxin suggest that the toxin represents a novel class of endopeptidase which requires a specific peptide substrate conformation for the...

12/3,K/17 (Item 11 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001366223 IP Accession No: 3578190

A role for the interchain disulfide or its participating thiols in the internalization of botulinum neurotoxin A revealed by a toxin derivative that binds to ecto-acceptors and inhibits transmitter release intracellularly

De Paiva, A; Poulain, B; Lawrence, GW; Shone, CC; Tauc, L; Dolly, JO* Dep. Biochem.,
Imperial Coll. Sci., Technol. Med., London SW7 2AY, UK

Journal of Biological Chemistry, v 268, n 28, p 20838-20844, 1993

Addl. Source Info: Journal of Biological Chemistry [J. BIOL. CHEM.], vol. 268, no.
28, pp. 20838-20844, 1993

Publication Date: 1993

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0021-9258

File Segment: Bacteriology Abstracts (Microbiology B)

...disulfide or its participating thiols in the internalization of botulinum neurotoxin A revealed by a toxin derivative that binds to ecto-acceptors and inhibits transmitter release intracellularly

De Paiva, A; Poulain, B; Lawrence, GW; Shone, CC; Tauc, L; Dolly, JO*

Abstract:

...the mouse nerve-diaphragm and the buccal ganglion of *Aplysia californica*. However, reduction of the toxin prior to alkylation drastically decreased neuromuscular potency; yet, this derivative inhibited transmitter release if injected... ...motor nerve endings and *Aplysia* neurons indicates retention of the ability to bind to the toxin's productive ecto-acceptors. Thus, the abolition of the toxicity of extracellularly applied botulinum neurotoxin ...

12/3,K/18 (Item 12 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0001061582 IP Accession No: 2582239

Heterologous combinations of heavy and light chains from botulinum neurotoxin A and tetanus toxin inhibit neurotransmitter release in *Aplysia* .

Poulain, B; Mochida, S; Weller, U; Hoegy, B; Habermann, E; Wadsworth, JDF; Shone, CC; Dolly, JO; Tauc, L Lab. Neurobiol. Cell. et Mol., Cent. Natl. Rech. Sci., F-91198 Gif-sur-Yvette Cedex, France

Journal of Biological Chemistry , v 266 , n 15 , p 9580-9585 , 1991

Addl. Source Info: Journal of Biological Chemistry [J. BIOL. CHEM.], vol. 266, no. 15, pp. 9580-9585, 1991

Publication Date: 1991

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0021-9258

File Segment: Biological Membranes (Biochemistry Abstracts 1); Toxicology Abstracts; CSA Neurosciences Abstracts

Heterologous combinations of heavy and light chains from botulinum neurotoxin A and tetanus toxin inhibit neurotransmitter release in *Aplysia* .

Poulain, B; Mochida, S; Weller, U; Hoegy, B; Habermann, E; Wadsworth, JDF; Shone, CC; Dolly, JO; Tauc, L

Abstract:

The neuromuscular activities of botulinum neurotoxin type A (BoNT A), tetanus toxin (TeTx), or homologous and heterologous combinations of their constituent polypeptides were examined at cholinergic and...

12/3,K/19 (Item 13 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000938112 IP Accession No: 2306182

singlechaintoxin.txt

The complete amino acid sequence of the Clostridium botulinum type A neurotoxin, deduced by nucleotide sequence analysis of the encoding gene.

Thompson, DE; Brehm, JK; Oultram, JD; Swinfield, T-J; Shone, CC; Atkinson, T; Melling, J; Minton, NP Mol. Genet. Group, Div. Biotechnol., Public Health Lab. Serv., Cent. Appl. Microbiol. and Res., Porton Down, Salisbury, Wiltshire SP4 0JG, UK

European Journal of Biochemistry , v 189 , n 1 , p 73-81 , 1990

Addl. Source Info: European Journal of Biochemistry [EUR. J. BIOCHEM.], vol. 189, no. 1, pp. 73-81, 1990

Publication Date: 1990

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0014-2956

File Segment: Bacteriology Abstracts (Microbiology B); Amino Acids, Peptides & Proteins (Biochemistry Abstracts 3); Nucleic Acids Abstracts; Genetics Abstracts

Thompson, DE; Brehm, JK; Oultram, JD; Swinfield, T-J; Shone, CC; Atkinson, T; Melling, J; Minton, NP

Abstract:

...expression of a toxic molecule. The deduced amino acid sequence exhibited 33% similarity to tetanus toxin, with the most highly conserved regions occurring between the N-termini of the respective heavy ... the tentative identification of those residues which probably form the disulphide bridge linking the two toxin subfragments.

12/3,K/20 (Item 14 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000768742 IP Accession No: 1939306

Purification of anthrax-toxin components by high-performance anion-exchange, gel-filtration and hydrophobic-interaction chromatography.

Quinn, CP; Shone, CC; Turnbull, PCB; Melling, J Vaccine Res. and Prod. Lab., Public Health Lab. Serv., Cent. Appl. Microbiol. and Res., Porton Down, Salisbury, Wilts. SP4 0JG, UK

Biochemical Journal , v 252 , n 3 , p 753-758 , 1988

Addl. Source Info: Biochemical Journal [BIOCHEM. J.], vol. 252, no. 3, pp. 753-758, 1988

Publication Date: 1988

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0264-6021

File Segment: Amino Acids, Peptides & Proteins (Biochemistry Abstracts 3)

Purification of anthrax-toxin components by high-performance anion-exchange, gel-filtration and hydrophobic-interaction chromatography.

Quinn, CP; Shone, CC; Turnbull, PCB; Melling, J

Abstract:

A procedure has been developed for purification of the tripartite anthrax- toxin components. This involves sequential high-performance anion-exchange, gel-filtration and hydrophobic-interaction chromatography. From...

singlechaintoxin.txt

12/3,K/21 (Item 15 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000630278 IP Accession No: 1654547

A 50-kDa fragment from the NH sub(2)-terminus of the heavy subunit of Clostridium botulinum) type A neurotoxin forms channels in lipid vesicles.

Shone, CC; Hambleton, P; Melling, L Vaccine Res. and Prod. Lab., PHLS Cent. Appl. Microbiol. and Res., Porton Down, Salisbury, Wilts. SP4 0JG, UK

European Journal of Biochemistry, v 167, n 1, p 175-180, 1987

Addl. Source Info: European Journal of Biochemistry [EUR. J. BIOCHEM.], vol. 167, no. 1, pp. 175-180, 1987

Publication Date: 1987

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0014-2956

File Segment: Bacteriology Abstracts (Microbiology B); Biological Membranes (Biochemistry Abstracts 1)

Shone, CC; Hambleton, P; Melling, L

Abstract:

...release rapidly decreased and was undetectable above pH 6.0 The binding of radiolabelled botulinum toxin to a variety of phospholipids was assessed. High levels of toxin binding were only observed to lipid vesicles with an overall negative charge; much weaker binding... ..to lipid vesicles composed of electrically neutral phospholipids. A positive correlation between the efficiency of toxin-binding and the efficiency of K⁺ release from lipid vesicles was not observed.cles ...

12/3,K/22 (Item 16 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000620655 IP Accession No: 1635930

Evaluation of a monoclonal antibody-based immunoassay for detecting type A Clostridium botulinum toxin produced in pure culture and an inoculated model cured meat system.

Gibson, AM; Modi, NK; Roberts, TA; Shone, CC; Hambleton, P; Melling, J Agric. and Food Res. Counc., Inst. Food Res., Bristol Lab., Langford, Bristol BS18 7DY, UK

Journal of applied bacteriology. Oxford, v 63, n 3, p 217-226, 1987

Addl. Source Info: J. APPL. BACTERIOL., vol. 63, no. 3, pp. 217-226, 1987

Publication Date: 1987

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0021-8847

File Segment: Bacteriology Abstracts (Microbiology B); Industrial & Applied Microbiology Abstracts (Microbiology A)

Evaluation of a monoclonal antibody-based immunoassay for detecting type A Clostridium botulinum toxin produced in pure culture and an inoculated model cured meat system.

singlechaintoxin.txt

Gibson, AM; Modi, NK; Roberts, TA; Shone, CC; Hambleton, P; Melling, J

Abstract:

...antibody-based amplified enzyme-linked immunosorbent assay (ELISA) method for detecting Clostridium botulinum type A toxin was evaluated for its ability to detect the toxin in the supernatant fluid of pure cultures and after growth from Cl. botulinum spores inoculated... before storage at 15 degree , 20 degree or 27 degree C. The presence of specific toxin was confirmed by mouse bioassay and results compared with those of the amplified ELISA method.

12/3,K/23 (Item 17 from file: 24) Links

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000602132 IP Accession No: 1593336

Tryptic cleavage close to the COOH-terminus of the heavy subunit of Clostridium botulinum type A neurotoxin destroys toxin binding activity.

Shone, CC; Hambleton, P; Melling, J PHLS Cent. Appl. Microbiol. and Res., Porton Down, Salisbury, Wiltshire SP4 0JG, UK

Editor: Falmagne, P; Alouf, JE; Fehrenbach, FJ; Jeljaszewicz, J; Thelestam, M (eds) , 1986

Addl. Source Info: BACTERIAL PROTEIN TOXINS., 1986, pp. 71-72, ZENTRALBL. BAKTERIOL. MIKROBIOL. HYG., no. supp. 15

Publication Date: 1986

Conference:

2. European Workshop on Bacterial Protein Toxins, Wepion (Belgium), 30 Jun-4 Jul 1985

Document Type: Book Monograph; Conference

Record Type: Abstract

Language: English

ISBN: 3437110837

File Segment: Bacteriology Abstracts (Microbiology B); Amino Acids, Peptides & Proteins (Biochemistry Abstracts 3); Industrial & Applied Microbiology Abstracts (Microbiology A)

...to the COOH-terminus of the heavy subunit of Clostridium botulinum type A neurotoxin destroys toxin binding activity.

Shone, CC; Hambleton, P; Melling, J

12/3,K/24 (Item 18 from file: 24) Links

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000596958 IP Accession No: 1582070

Understanding toxin action: Clostridium botulinum neurotoxins, their structures and modes of action.

Shone, CC Vaccine Res. and Prod. Lab., P.H.L.S. Cent. Appl. Microbiol. and Res., Porton Down, Salisbury SP4 0JG, UK

Editor: Watson, DH (ed)

, p 11-57 , 1987

Addl. Source Info: NATURAL TOXICANTS IN FOOD. PROGRESS AND PROSPECTS., 1987, pp. 11-57, ELLIS HORWOOD SERIES IN FOOD SCIENCE AND TECHNOLOGY.

Publication Date: 1987

Document Type: Book Monograph

Record Type: Abstract

Language: English

ISBN: 0895735482

singlechaintoxin.txt

File Segment: Toxicology Abstracts; Bacteriology Abstracts (Microbiology B); Industrial & Applied Microbiology Abstracts (Microbiology A); Health & Safety Science Abstracts
Understanding toxin action: Clostridium botulinum neurotoxins, their structures and modes of action.

Shone, CC

Abstract:

...sub(2), D, E, F and G) have been identified. Except type C sub(2) toxin, which has enterotoxin-like activity, these toxins act primarily on the peripheral nervous system, inhibiting...

12/3,K/25 (Item 19 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000506149 IP Accession No: 1381735

Botulinum neurotoxin type B: Its purification, radioiodination and interaction with rat-brain synaptosomal membranes.

Evans, DM; Williams, RS; Shone, CC; Hambleton, PH; Melling, J; Dolly, JO Dep. Biochem., Imperial Coll. Sci. and Technol., Imperial Institute Rd., London SW7 2AZ, UK

European Journal of Biochemistry , v 154 , n 2 , p 409-416 , 1986

Addl. Source Info: European Journal of Biochemistry [EUR. J. BIOCHEM.], vol. 154, no. 2, pp. 409-416, 1986

Publication Date: 1986

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0014-2956

File Segment: Bacteriology Abstracts (Microbiology B); Biological Membranes (Biochemistry Abstracts 1); Amino Acids, Peptides & Proteins (Biochemistry Abstracts 3); CSA Neurosciences Abstracts

Evans, DM; Williams, RS; Shone, CC; Hambleton, PH; Melling, J; Dolly, JO

Abstract:

...super(8) mouse LD sub(50) units/mg protein. super(125)I-iodination of the toxin to high specific radioactivities (19-63 TBq/mmol) yielded typically > 65% of its original toxicity... ..botulinum neurotoxin showed a limited capacity to inhibit the synaptosomal binding of labelled type B toxin, even at high concentrations (1 mu M). Other neurotoxins were without effect.

12/3,K/26 (Item 20 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0000462985 IP Accession No: 1230760

Inactivation of Clostridium botulinum type A neurotoxin by trypsin and purification of two tryptic fragments: Proteolytic action near the COOH- terminus of the heavy subunit destroys toxin-binding activity.

Shone, CC; Hambleton, P; Melling, J Vaccine Res. and Prod. Lab., PHLS Cent. Appl. Microbiol. and Res., Porton Down, Salisbury, SP4 0JG, UK

European Journal of Biochemistry , v 151 , n 1 , p 75-82 , 1985

Addl. Source Info: European Journal of Biochemistry [EUR. J. BIOCHEM.], vol. 151,

singlechaintoxin.txt

no. 1, pp. 75-82, 1985
Publication Date: 1985

Document Type: Journal Article
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 0014-2956

File Segment: Amino Acids, Peptides & Proteins (Biochemistry Abstracts 3);
Bacteriology Abstracts (Microbiology B); CSA Neurosciences Abstracts; Industrial &
Applied Microbiology Abstracts (Microbiology A)
...of two tryptic fragments: Proteolytic action near the COOH- terminus of the heavy
subunit destroys toxin-binding activity.

Shone, CC; Hambleton, P; Melling, J

Abstract:

...showed the loss of toxicity on trypsin treatment to be paralleled by a loss of
toxin binding to rat brain synaptosomes suggesting the presence of at least two
sites of tryptic... ...portion of the heavy chain was purified from the 105,000-Da
fragment of the toxin and the sequence of the first 35 amino acids determined. 5. It
is suggested that...

12/3,K/27 (Item 1 from file: 65) Links
Inside Conferences
(c) 2008 BLDSC all rts. reserv. All rights reserved.
00267534 Inside Conference Item ID: CN002479254
Shuttle Plasmids for Expression of Anthrax Toxin in bacillus
Quinn, C. P.; Shone, C. C.
Conference: Bacterial protein toxins - 6th European workshop
FEMS SYMPOSIUM , 1994; ISSUE 73 P: 154-155
Stuttgart, Gustav Fischer, 1994
ISSN: 0163-9188 ISBN: 3437115359; 1560813857
Language: English Document Type: Conference Papers
Editor: Freer, J.
Sponsor: Federation of European Microbiological Societies
Location: Stirling
Date: Jun 1993 (199306) (199306)
Shuttle Plasmids for Expression of Anthrax Toxin in bacillus
Quinn, C. P.; Shone, C. C.

12/3,K/28 (Item 1 from file: 98) Links
General Sci Abs
(c) 2008 The HW Wilson Co. All rights reserved.
03519319 H.w. Wilson Record Number: BGS197019319
Botulinum neurotoxin B inhibits insulin-stimulated glucose uptake into 3T3-L1
adipocytes and cleaves cellubrevin unlike type A toxin which failed to proteolyze
the SNAP-23 present.

Chen, Fusheng
Foran, Patrick; Shone, Clifford C
Biochemistry (American Chemical Society) (Biochemistry) v. 36 (May 13 '97) p.
5719-28
Document Type: Feature Article
Special Features: bibl il ISSN: 0006-2960
Language: English
Country Of Publication: United States
...inhibits insulin-stimulated glucose uptake into 3T3-L1 adipocytes and cleaves
cellubrevin unlike type A toxin which failed to proteolyze the SNAP-23 present.

singlechaintoxin.txt

Foran, Patrick; Shone, Clifford C

Abstract: ...of the insulin-stimulated translocation of GLUT4 to the plasmalemma. This establishes that these two toxin substrates contribute to the insulin-regulated fusion of GLUT4-containing vesicles with the plasmalemma, at...

12/3,K/29 (Item 2 from file: 98) Links

General Sci Abs

(c) 2008 The HW Wilson Co. All rights reserved.

00524665 H.w. Wilson Record Number: BGSI85024665

Monoclonal antibody-based immunoassay for type A Clostridium botulinum toxin is comparable to the mouse bioassay.

Shone, Clifford

Wilton-Smith, Peter; Appleton, Nigel

Applied and Environmental Microbiology (Appl Environ Microbiol) v. 50 (July '85) p. 63-7

Document Type: Feature Article

Special Features: bibl il ISSN: 0099-2240

Language: English

Country Of Publication: United States

Monoclonal antibody-based immunoassay for type A Clostridium botulinum toxin is comparable to the mouse bioassay.

Shone, Clifford

12/3,K/30 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148347366 CA: 148(16)347366u PATENT

Novel agent for controlling cell activity

Inventor (Author): North, John Robert; Foster, Keith Alan; Quinn, Conrad Padraig; Shone, Clifford Charles

Location: Can.,

Patent: U.S. Pat. Appl. Publ. ; US 20080070278 A1 Date: 20080320

Application: US 2007819647 (20070628) *GB 935735 (19930319) *WO 94GB558 (19940318)

*US 513878 (19951201) *US 2000572431 (20000517)

Pages: 9pp., Cont.-in-part of U. S. Ser. No. 572,431.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 435069100

IPCR/8 + Level Value Position Status Version Action Source Office:

C12P-0021/04	A	I	F	B	20060101	20080320	H	US
C07H-0021/00	A	I	L	B	20060101	20080320	H	US
C07K-0014/00	A	I	L	B	20060101	20080320	H	US
C07K-0016/18	A	I	L	B	20060101	20080320	H	US
C12N-0009/00	A	I	L	B	20060101	20080320	H	US

12/3,K/31 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268110 CA: 147(13)268110g

CONFERENCE PROCEEDING

Development of therapeutics based upon clostridial endopeptidase activity

Author: Foster, Keith A.; Chaddock, John A.

Location: Syntaxin Ltd., Salisbury, UK,

Journal: Treat. Toxins

Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),

Date: 2007
Pages: 195-212
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/32 (Item 3 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

147268109 CA: 147(13)268109p CONFERENCE PROCEEDING
Expanding clinical uses of botulinum neurotoxins
Author: Moore, A. Peter
Location: The Walton Centre for Neurology and Neurosurgery, Liverpool University, Liverpool, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 163-194
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/33 (Item 4 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

147268108 CA: 147(13)268108n CONFERENCE PROCEEDING
Introduction to clinical use of botulinum neurotoxins
Author: Barnes, Michael P.
Location: Hunters Moor Regional Rehabilitation Centre, Newcastle-upon-Tyne, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 139-162
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/34 (Item 5 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

147135615 CA: 147(7)135615d CONFERENCE PROCEEDING
Three-dimensional protein structures of light chains of botulinum neurotoxin serotypes A, B, and E and tetanus neurotoxin
Author: Swaminathan, Subramanyam; Stevens, Raymond C.
Location: Dep. Biology, Brookhaven National Lab., Upton, NY, USA
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 19-45
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/35 (Item 6 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147023292 CA: 147(2)23292q JOURNAL
Re-engineering the target specificity of clostridial neurotoxins - a route to novel
therapeutics
Author: Foster, Keith A.; Adams, Emily J.; Durose, Lyndsey; Cruttwell, Caroline J.;
Marks, Elizabeth; Shone, Clifford C.; Chaddock, John A.; Cox, Clare L.; Heaton,
Charlotte; Sutton, J. Mark; Wayne, Jonathan; Alexander, Frances C. G.; Rogers,
Duncan F.
Location: Centre for Emergency Preparedness & Response, Health Protection Agency,
Salisbury, UK, SP4 0JG
Journal: Neurotoxic. Res.
Date: 2006
Volume: 9 Number: 2,3 Pages: 101-107
CODEN: NURRFI
ISSN: 1029-8428
Language: English
Publisher: F. P. Graham Publishing Co.

12/3,K/36 (Item 7 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

146507041 CA: 146(25)507041y CONFERENCE PROCEEDING
Use of neurotoxins as drug delivery systems
Author: Foran, Patrick
Location: Division of Molecular and Cellular Biology, Imperial College London,
London, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 213-253
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC, Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/37 (Item 8 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

146498844 CA: 146(25)498844h CONFERENCE PROCEEDING
Vaccines to protect against neurotoxins
Author: Smith, Leonard A.; Henderson, Ian
Location: Integrated Toxinology Division, U.S. Army Medical Research Institute of
Infectious Diseases, Fort Detrick, MD, USA
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 75-106
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC, Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/38 (Item 9 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

146436465 CA: 146(22)436465b PATENT
Development of engineered Clostridium neurotoxins with improved solubilities and use
in production of anti-botulism vaccine

singlechaintoxin.txt

Inventor (Author): Shone, Clifford C.; Crawford, James A.

Location: UK,

Patent: PCT International ; WO 200744382 A2 Date: 20070419

Application: WO 2006US38757 (20061005) *US 2005PV724274 (20051007) *US 2005PV742900 (20051207)

Pages: 97pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0039/08 A I F B 20060101 H US

C12P-0021/06 A I L B 20060101 H US

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US
Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

12/3,K/39 (Item 10 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

146416354 CA: 146(21)416354m CONFERENCE PROCEEDING

Inhibitors of clostridial neurotoxin proteinase activities

Author: Schmidt, James J.; Foster, Keith A.

Location: Toxinology Division, U.S. Army Medical Research Institute of Infectious Diseases, Fort Detrick, MD, USA

Journal: Treat. Toxins

Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),

Date: 2007

Pages: 107-138

CODEN: 69IYSV

Language: English

Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/40 (Item 11 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

146416353 CA: 146(21)416353k CONFERENCE PROCEEDING

Mechanisms of actions of neurotoxins

Author: Bigalke, Hans; Binz, Thomas

Location: Medizinische Hochschule Hannover Institut fuer Toxikologie, Hannover, Germany,

Journal: Treat. Toxins

Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),

Date: 2007

Pages: 47-73

CODEN: 69IYSV

Language: English

Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

12/3,K/41 (Item 12 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

singlechaintoxin.txt
146416352 CA: 146(21)416352j CONFERENCE PROCEEDING
Introduction and historical perspective of treatment from toxins
Author: Foster, Keith A.; Hambleton, Peter; Shone, Clifford C.
Location: Syntaxin Ltd., Salisbury, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C. (Ed),
Date: 2007
Pages: 1-17
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla

12/3,K/42 (Item 13 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

146310836 CA: 146(16)310836e BOOK
Treatments from Toxins: The Therapeutic Potential of Clostridial Neurotoxins
Author: Foster, Keith A.; Hambleton, Peter; Shone, Clifford C.; Editors
Location: USA
Date: 2007
Pages: 297 pp.
CODEN: BOOKA7
Language: English
Publisher: (CRC Press LLC , Boca Raton, Fla.) ISBN: 978-0-8493-2709-4

12/3,K/43 (Item 14 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

146157191 CA: 146(9)157191u JOURNAL
The 5th International Conference on Basic and Therapeutic aspects of Botulinum and Tetanus neurotoxins. Workshop review: assays and detection
Author: Shone, Clifford; Ferreira, Joseph; Boyer, Anne; Cirino, Nick; Egan, Christina; Evans, Elizabeth; Kools, John; Sharma, Shashi
Location: Centre for Emergency Preparedness & Response, Health Protection Agency, Salisbury, Wiltshire, UK, SP4 0JG
Journal: Neurotoxic. Res.
Date: 2006
Volume: 9 Number: 2,3 Pages: 205-216
CODEN: NURRFI
ISSN: 1029-8428
Language: English
Publisher: F. P. Graham Publishing Co.

12/3,K/44 (Item 15 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

146021334 CA: 146(2)21334k JOURNAL
A family of killer toxins. Exploring the mechanism of ADP-ribosylating toxins
Author: Holbourn, Kenneth P.; Shone, Clifford C.; Acharya, K. R.
Location: Department of Biology and Biochemistry, University of Bath, UK,
Journal: FEBS J.
Date: 2006
Volume: 273 Number: 20 Pages: 4579-4593
CODEN: FJEOAC
ISSN: 1742-464X

Language: English
Publisher: Blackwell Publishing Ltd.

12/3,K/45 (Item 16 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

143417270 CA: 143(23)417270f PATENT
recombinant expression of clostridial neurotoxin light and heavy chain domain and its antibody and DNA vaccine applications
Inventor (Author): Shone, Charles Clifford; Quinn, Conrad Padraig; Foster, Keith Alan; Chaddock, John; Marks, Philip; Sutton, J. Mark; Stancombe, Patrick; Wayne, Jonathan
Location: UK,
Patent: U.S. Pat. Appl. Publ. ; US 20050244435 A1 Date: 20051103
Application: US 200577550 (20050311) *GB 9617671 (19960823) *GB 9625996 (19961213) *US 782893 (19961227) *WO 97GB2273 (19970822) *US 255829 (19990223) *US 2002241596 (20020912)
Pages: 45 pp., Cont.-in-part of U.S. Ser. No. 241,596.
CODEN: USXXCO
Language: English
Patent Classifications:
Class: 424239100; A61K-039/08A

12/3,K/46 (Item 17 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

143280836 CA: 143(16)280836y JOURNAL
Preparation of specifically activatable endopeptidase derivatives of Clostridium botulinum toxins type A, B, and C and their applications
Author: Sutton, J. Mark; Wayne, Jonathan; Scott-Tucker, Anthony; O'Brien, Susan M.; Marks, Philip M. H.; Alexander, Frances C. G.; Shone, Clifford C.; Chaddock, John A.
Location: Centre for Applied Microbiology and Research, Health Protection Agency, Wiltshire, UK, SP4 0JG
Journal: Protein Expression Purif.
Date: 2005
Volume: 40 Number: 1 Pages: 31-41
CODEN: PEXPEJ
ISSN: 1046-5928
Publisher Item Identifier: 1046-5928(04)00232-3
Language: English
Publisher: Elsevier

12/3,K/47 (Item 18 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

142018634 CA: 142(2)18634v PATENT
Mass-based toxin assay and substrates therefor
Inventor (Author): Shone, Clifford Charles; Evans, Elizabeth R.; Kidd, Stephen Peter
Location: UK,
Assignee: Health Protection Agency
Patent: PCT International ; WO 2004104219 A1 Date: 20041202
Application: WO 2004GB2233 (20040524) *GB 200311961 (20030523)
Pages: 45 pp.
CODEN: PIXXD2

singlechaintoxin.txt

Language: English

Patent Classifications:

Class: C12Q-001/37A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW
Designated Regional: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

12/3,K/48 (Item 19 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

140151912 CA: 140(10)151912j PATENT

Targeted delivery of therapeutic agents for nerve regeneration using heavy chain (Hc) from botulinum C1 toxin as a neuron-binding domain

Inventor (Author): Shone, Clifford Charles; Sutton, John Mark

Location: UK,

Assignee: Health Protection Agency

Patent: PCT International ; WO 200409126 A1 Date: 20040129

Application: WO 2003GB3082 (20030715) *GB 200216865 (20020719)

Pages: 67 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: A61K-047/48A; C07K-019/00B

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU
Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

12/3,K/49 (Item 20 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

139207733 CA: 139(14)207733a PATENT

Construction of recombinant single-chain toxins for use in vaccines and toxin assays

Inventor (Author): Shone, Clifford Charles; Quinn, Conrad Pdraig; Foster, Keith Alan; Chaddock, John; Marks, Philip; Sutton, J. Mark; Stancombe, Patrick; Wayne, Jonathan

Location: UK,

Assignee: Microbiological Research Authority; Speywood Laboratory Limited

Patent: U.S. Pat. Appl. Publ. ; US 20030166238 A1 Date: 20030904

Application: US 241596 (20020912) *GB 9617671 (19960823) *GB 9625996 (19961213) *US 782893 (19961227) *WO 97GB2273 (19970822) *US 255829 (19990223) *US 242689 (19990223)

Pages: 37 pp., Cont.-in-part of U.S. Ser. No. 255,829.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 435219000; C12N-009/50A; C07H-021/04B; C12P-021/04B; C12N-001/21B;

C07K-014/33B

12/3,K/50 (Item 21 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

138182902 CA: 138(13)182902u JOURNAL
Expression and purification of catalytically active, non-toxic endopeptidase derivatives of Clostridium botulinum toxin type A
Author: Chaddock, John A.; Herbert, Michael H.; Ling, Roger J.; Alexander, Frances C. G.; Fooks, Sarah J.; Revell, Dean F.; Quinn, Conrad P.; Shone, Clifford C.; Foster, Keith A.
Location: Centre for Applied Microbiology and Research, Wiltshire, UK, SP4 0JG
Journal: Protein Expression Purif.
Date: 2002
Volume: 25 Number: 2 Pages: 219-228
CODEN: PEXPEJ
ISSN: 1046-5928
Language: English
Publisher: Elsevier Science

12/3,K/51 (Item 22 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

137154026 CA: 137(11)154026x JOURNAL
Evaluation of novel in vitro assays for the detection of botulinum toxins in foods
Author: Wictome, M.; Newton, K.; Jameson, K.; Dunnigan, P.; Clarke, S.; Wright, S.; Gaze, J.; Taub, A.; Foster, K. A.; Shone, C. C.
Location: Centre for Applied Microbiology and Research, Salisbury, UK, SP4 0JG
Journal: Spec. Publ. - R. Soc. Chem.
Date: 2001
Volume: 272 Number: Rapid Detection Assays for Food and Water Pages: 206-209
CODEN: SROCD0
ISSN: 0260-6291
Language: English
Publisher: Royal Society of Chemistry

12/3,K/52 (Item 23 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

136395977 CA: 136(26)395977t PATENT
Clostridial toxin derivatives able to modify peripheral sensory afferent functions
Inventor (Author): Foster, Keith Alan; Duggan, Michael John; Shone, Clifford Charles
Location: UK,
Assignee: The Speywood Laboratory, Ltd.; Microbiological Research Authority
Patent: United States ; US 6395513 B1 Date: 20020528
Application: US 447356 (19991122) *GB 958204 (19950421) *WO 96GB916 (19960416) *US 945037 (19980112)
Pages: 18 pp., Cont.-in-part of U.S. Ser. No. 945,037.
CODEN: USXXAM
Language: English
Patent Classifications:
Class: 435069300; C12N-015/62; C12N-015/09; C12P-021/00; C07K-019/00

singlechaintoxin.txt

12/3,K/53 (Item 24 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

134362549

CA: 134(26)362549k

JOURNAL

Tyrosine-1290 of tetanus neurotoxin plays a key role in its binding to gangliosides and functional binding to neurons

Author: Sutton, J. M.; Chow-Worn, O.; Spaven, L.; Silman, N. J.; Hallis, B.; Shone, C. C.

Location: Centre for Applied Microbiology and Research (CAMR), Porton Down, Salisbury, UK, SO4 0JG

Journal: FEBS Lett.

Date: 2001

Volume: 493 Number: 1 Pages: 45-49

CODEN: FEBLAL

ISSN: 0014-5793

Publisher Item Identifier: 0014-5793(01)02273-6

Language: English

Publisher: Elsevier Science B.V.

12/3,K/54 (Item 25 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

133190411

CA: 133(14)190411v

PATENT

Pheromones derived from Clostridium species that induce virulence and their diagnostic uses

Inventor (Author): Minton, Nigel Peter; Roberts, April Kathryn; Shone, Clifford Charles

Location: UK,

Assignee: Microbiological Research Authority

Patent: PCT International ; WO 200050600 A1 Date: 20000831

Application: WO 2000GB697 (20000225) *GB 994586 (19990226) *GB 9912607 (19990528)

Pages: 58 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: C12N-015/31A; C12N-015/62B; C12N-001/21B; C07K-014/33B; A61K-039/08B; C12Q-001/04B; C12Q-001/18B

Designated Countries: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

Designated Regional: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

12/3,K/55 (Item 26 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

133054741

CA: 133(5)54741a

JOURNAL

Inhibition of vesicular secretion in both neuronal and nonneuronal cells by a retargeted endopeptidase derivative of Clostridium botulinum neurotoxin type A

Author: Chaddock, John A.; Purkiss, John R.; Friis, Lorna M.; Broadbridge, Janice D.; Duggan, Michael J.; Fooks, Sarah J.; Shone, Clifford C.; Quinn, Conrad P.; Foster, Keith A.

Location: Centre for Applied Microbiology and Research, Salisbury, UK, SP4 0JG

Journal: Infect. Immun.
Date: 2000
Volume: 68 Number: 5 Pages: 2587-2593
CODEN: INFIBR
ISSN: 0019-9567
Language: English
Publisher: American Society for Microbiology

12/3,K/56 (Item 27 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

131285568 CA: 131(21)285568z JOURNAL
Development of an in vitro bioassay for Clostridium botulinum type B neurotoxin in foods that is more sensitive than the mouse bioassay
Author: Wictome, Matthew; Newton, Kirsti; Jameson, Karen; Hallis, Bassam; Dunnigan, Paul; Mackay, Eric; Clarke, Sally; Taylor, Richard; Gaze, Joy; Foster, Keith; Shone, Clifford
Location: Centre for Applied Microbiology and Research, Salisbury, UK, SP4 0JG
Journal: Appl. Environ. Microbiol.
Date: 1999
Volume: 65 Number: 9 Pages: 3787-3792
CODEN: AEMIDF
ISSN: 0099-2240
Language: English
Publisher: American Society for Microbiology

12/3,K/57 (Item 28 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

131268231 CA: 131(20)268231s PATENT
Antibody-based assay for botulinum and tetanus neurotoxins
Inventor (Author): Shone, Clifford Charles; Hallis, Bassam; James, Benjamin Arthur Frederick; Quinn, Conrad Padraig
Location: UK,
Assignee: Microbiological Research Authority
Patent: United States ; US 5962637 A Date: 19991005
Application: US 760001 (19961203) *GB 9411138 (19940603) *WO 95GB1279 (19950602)
Pages: 21 pp., Cont.-in-part of Appl. No. PCT/GB95/01279.
CODEN: USXXAM
Language: English
Patent Classifications:
Class: 530329000; A61K-038/04; G01N-033/53; G01N-033/573

12/3,K/58 (Item 29 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

131253544 CA: 131(19)253544x CONFERENCE PROCEEDING
Study of specificity of the endopeptidase activities of the botulinum neurotoxins using peptide substrates
Author: Wictome, Matthew; Rossetto, Ornella; Montecucco, Cesare; Shone, Clifford C.
Location: Centre for Applied Microbiology and Research, Salisbury, UK, SP4 0JG
Journal: Biomed. Aspects Clostridial Neurotoxins, Conf.
Editor: Tranter, Howard S (Ed),
Date: 1997
Pages: 55-58
CODEN: 67WQAB

Language: English

Meeting Date: 19960000

Publisher: Centre for Applied Microbiology and Research , Salisbury, UK

12/3,K/59 (Item 30 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

131253402

CA: 131(19)253402z

CONFERENCE PROCEEDING

The development of novel assays for the detection and quantitation of the botulinum toxins

Author: Wictome, M.; Newton, K.; Hallis, B.; Shone, C. C.

Location: Centre for Applied Microbiology and Research, Salisbury, UK, SP4 0JG

Journal: Biomed. Aspects Clostridial Neurotoxins, Conf.

Editor: Tranter, Howard S (Ed),

Date: 1997

Pages: 138-141

CODEN: 67WQAB

Language: English

Meeting Date: 19960000

Publisher: Centre for Applied Microbiology and Research , Salisbury, UK

12/3,K/60 (Item 31 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

131184011

CA: 131(14)184011g

JOURNAL

Development of in vitro assays for the detection of botulinum toxins in foods

Author: Wictome, Matthew; Newton, Kirsti A.; Jameson, Karen; Dunnigan, Paul; Clarke, Sally; Gaze, Joy; Taub, Annie; Foster, Keith A.; Shone, Clifford C.

Location: Centre for Applied Microbiology and Research, Porton Down, Salisbury, UK,

Journal: FEMS Immunol. Med. Microbiol.

Date: 1999

Volume: 24 Number: 3 Pages: 319-323

CODEN: FIMIEV

ISSN: 0928-8244

Publisher Item Identifier: 0928-8244(99)00048-6

Language: English

Publisher: Elsevier Science B.V.

12/3,K/61 (Item 32 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

130011333

CA: 130(2)11333q

JOURNAL

Botulinum neurotoxins: mode of action and detection

Author: Wictome, M.; Shone, C. C.

Location: Centre for Applied Microbiology and Research, Wiltshire, UK, SP4 0FG

Journal: Soc. Appl. Microbiol. Symp. Ser.

Date: 1998

Volume: 27 Number: Toxins Pages: 87S-97S

CODEN: SMSSFP

ISSN: 0267-4440

Language: English

Publisher: Blackwell Science Ltd.

12/3,K/62 (Item 33 from file: 399) Links

singlechaintoxin.txt

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

128226255 CA: 128(19)226255k PATENT
Fusion proteins of clostridial toxins for use as substitutes for botulin in
therapeutic use
Inventor (Author): Shone, Clifford Charles; Quinn, Conrad Padraig; Foster, Keith
Alan
Location: UK,
Assignee: Microbiological Research Authority CAMR (Centre for Applied Microbiology &
Research); Speywood Laboratory Limited; Shone, Clifford Charles; Quinn, Conrad
Padraig; Foster, Keith Alan
Patent: PCT International ; WO 9807864 A1 Date: 19980226
Application: WO 97GB2273 (19970822) *GB 9617671 (19960823) *GB 9625996 (19961213)
*US 782893 (19961227)
Pages: 137 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: C12N-015/31A; C12N-001/21B; C12P-021/02B; C07K-014/33B; A61K-038/16B;
A61K-039/08B
Designated Countries: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ;
DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT;
LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM;
TR; TT; UA; UG; US; UZ; VN; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
Designated Regional: GH; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI; FR;
GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN;
TD; TG

12/3,K/63 (Item 34 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

126001210 CA: 126(1)1210a PATENT
Botulin derivative or other agent able to inhibit neuromodulator secretion by
sensory afferent synapses and agent use as pain inhibitor
Inventor (Author): Foster, Keith Alan; Duggan, Michael John; Shone, Clifford Charles
Location: UK,
Assignee: The Speywood Laboratory Limited; Microbiological Research Authority
Patent: PCT International ; WO 9633273 A1 Date: 19961024
Application: WO 96GB916 (19960416) *GB 958204 (19950421)
Pages: 43 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: C12N-015/31A; C07K-019/00B; C07K-014/33B; C12N-009/52B; C07K-014/48B;
C07K-014/475B; C07K-014/52B; C07K-014/575B; C07K-016/18B; C12N-015/62B; A61K-038/16B
Designated Countries: AL; AM; AT; AU; AZ; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK;
EE; ES; FI; GB; GE; HU; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LS; LT; LU; LV; MD; MG;
MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI
Designated Regional: KE; LS; MW; SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN

12/3,K/64 (Item 35 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

125188025 CA: 125(15)188025p JOURNAL
Page 27

singlechaintoxin.txt

Structural determinants of the specificity for synaptic vesicle-associated membrane protein/synaptobrevin of tetanus and botulinum type B and G neurotoxins
Author: Pellizzari, Rossella; Rossetto, Ornella; Lozzi, Luisa; Giovedi, Silvia; Johnson, Eric; Shone, Clifford C.; Montecucco, Cesare
Location: Cent. Consiglio Nazionale Ricerche Biomembrane, Univ. Padova, Padua, Italy

Journal: J. Biol. Chem.
Date: 1996
Volume: 271 Number: 34 Pages: 20353-20358
CODEN: JBCHA3
ISSN: 0021-9258
Language: English

12/3,K/65 (Item 36 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

125028920 CA: 125(3)28920y JOURNAL
Substrate residues N-terminal to the cleavage site of botulinum type B neurotoxin play a role in determining the specificity of its endopeptidase activity
Author: Wictome, Matthew; Rossetto, Ornella; Montecucco, Cesare; Shone, Clifford C.
Location: Centre for Applied Microbiology and Research, Porton Down, Salisbury Wiltshire, UK, SP4 0JG
Journal: FEBS Lett.
Date: 1996
Volume: 386 Number: 2,3 Pages: 133-136
CODEN: FEBLAL
ISSN: 0014-5793
Language: English

12/3,K/66 (Item 37 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

124109558 CA: 124(9)109558t PATENT
Toxin assay
Inventor (Author): Shone, Clifford Charles; Hallis, Bassam; James, Benjamin Arthur Frederick; Quinn, Conrad Padraig
Location: UK,
Assignee: Microbiological Research Authority
Patent: PCT International ; WO 9533850 A1 Date: 951214
Application: WO 95GB1279 (950602) *GB 9411138 (940603)
Pages: 47 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: C12Q-001/37A; C07K-016/40B; G01N-033/68B; G01N-033/543B; G01N-033/569
Designated Countries: AU; CA; JP; US
Designated Regional: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

12/3,K/67 (Item 38 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

124007095 CA: 124(1)7095x JOURNAL
Growth of clostridia and preparation of their neurotoxins
Author: Shone, C.C.; Tranter, H.S.
Location: Centre for Applied Microbiology and Research, Salisbury/Wiltshire, UK, SP4

OJG

Journal: Curr. Top. Microbiol. Immunol.

Date: 1995

Volume: 195, Pages: 143-60

CODEN: CTMIA3

ISSN: 0070-217X

Language: English

Meeting Date: 950000

12/3,K/68 (Item 39 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

122180311 CA: 122(15)180311w JOURNAL

Tetanus and botulinum neurotoxins are zinc proteases specific for proteins involved in vesicle docking and fusion

Author: Schiavo, G.; Benfenati, F.; Poulain, B.; Rossetto, O.; Shone, C. C.;

DasGupta, B. R.; Montecucco, C.

Location: Dipartimento di Scienze Biomediche, Universita di Padova, Italy

Journal: Zentralbl. Bakteriol., Suppl.

Date: 1994

Volume: 24 Number: Bacterial Protein Toxins Pages: 375-85

CODEN: ZBASE2

ISSN: 0941-018X

Language: English

12/3,K/69 (Item 40 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

122099207 CA: 122(9)99207v PATENT

Botulinum toxin polypeptides and their use as vaccine enhancing agents

Inventor (Author): Sesardic, Dorothea; Chan, Woon Ling; Shone, Clifford Charles

Location: UK,

Assignee: PHLSB; NIBSC

Patent: PCT International ; WO 9421684 A1 Date: 940929

Application: WO 94GB570 (940321) *GB 935919 (930322)

Pages: 36 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: C07K-015/04A; C07K-007/06B; C07K-007/08B; C07K-007/10B; A61K-039/08B

Designated Countries: AU; CA; GB; JP; US

Designated Regional: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

12/3,K/70 (Item 41 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

122003213 CA: 122(1)3213v JOURNAL

SNARE motif and neurotoxins

Author: Rossetto, Ornella; Schiavo, Giampietro; Montecucco, Cesare; Poulain, Bernard; Deloye, Florence; Lozzi, Luisa; Shone, Clifford C.

Location: Dip. Sic. Biomed. Cent. CNR Biomembrane, Univ. Padova, 75 - 35121, Padova, Italy

Journal: Nature (London)

Date: 1994

Volume: 372 Number: 6505 Pages: 415-16

CODEN: NATUAS
ISSN: 0028-0836
Language: English

12/3,K/71 (Item 42 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

120210092 CA: 120(17)210092d JOURNAL
purification of bacterial exotoxins: the case of botulinum, tetanus, anthrax,
pertussis and cholera toxins
Author: Pasechnik, Vladimir A.; Shone, Clifford C.; Hambleton, Peter
Location: Cent. Appl. Microbiol. Res., PHLS, Salisbury, UK, SP4 0JG
Journal: Bioseparation
Date: 1993
Volume: 3 Number: 5 Pages: 267-83
CODEN: BISPE4
ISSN: 0923-179X
Language: English

12/3,K/72 (Item 43 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

120098963 CA: 120(9)98963k JOURNAL
Antagonism of the intracellular action of botulinum neurotoxin type A with
monoclonal antibodies that map to light-chain epitopes
Author: Cenci di Bello, Isabelle; Poulain, Bernard; Shone, Clifford C.; Tauc,
Ladislav; Dolly, J. Oliver
Location: Dep. Biochem, Imp. Coll. Sci., Technol Med., London, UK,
Journal: Eur. J. Biochem.
Date: 1994
Volume: 219 Number: 1-2 Pages: 161-9
CODEN: EJBCAI
ISSN: 0014-2956
Language: English

12/3,K/73 (Item 44 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

119268510 CA: 119(25)268510j CONFERENCE PROCEEDING
Characterization of monoclonal antibodies to botulinum type A neurotoxin
Author: Hallis, Bassam; Fooks, Sarah; Shone, Clifford; Hambleton, Peter
Location: PHLS, CAMR, Porton Down/Salisbury/Wiltshire, UK, SP4 0JG
Journal: Botulinum Tetanus Neurotoxins (Proc. Int. Conf.)
Editor: Dasgupta, Bibhuti R (Ed),
Date: 1993
Pages: 433-6
CODEN: 59KIAW
Language: English
Meeting Date: 920000
Publisher: Plenum , New York, N. Y

12/3,K/74 (Item 45 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

singlechaintoxin.txt

119243306 CA: 119(23)243306j CONFERENCE PROCEEDING
Long-term effects of botulinum type A neurotoxin on the release of noradrenaline
from PC12 cells
Author: Shone, Clifford C.
Location: Div. Biol., Cent. Appl. Microbiol. Res., Porton Down/Salisbury/Wilts., UK,
SP4 0JG
Journal: Botulinum Tetanus Neurotoxins (Proc. Int. Conf.)
Editor: Dasgupta, Bibhuti R (Ed),
Date: 1993
Pages: 321-31
CODEN: 59KIAW
Language: English
Meeting Date: 920000
Publisher: Plenum , New York, N. Y

12/3,K/75 (Item 46 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

119219459 CA: 119(21)219459r CONFERENCE PROCEEDING
Proliferative T cell response to botulinum toxin type A in mice
Author: Chan, Woon Ling; Sesardic, Dorothea; Shone, Clifford C.
Location: Natl. Inst. Biol. Stand. Control, South Mimms/Potters Bar/Herts., UK, EN6
3QG
Journal: Botulinum Tetanus Neurotoxins (Proc. Int. Conf.)
Editor: Dasgupta, Bibhuti R (Ed),
Date: 1993
Pages: 337-9
CODEN: 59KIAW
Language: English
Meeting Date: 920000
Publisher: Plenum , New York, N. Y

12/3,K/76 (Item 47 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

119219449 CA: 119(21)219449n JOURNAL
Proteolytic cleavage of synthetic fragments of vesicle-associated membrane protein,
isoform-2 by botulinum type B neurotoxin
Author: Shone, Clifford C.; Quinn, Conrad P.; Wait, Robin; Hallis, Bassam; Fooks,
Sarah G.; Hambleton, Peter
Location: Cent. Appl. Microbiol. Res., Porton Down, UK,
Journal: Eur. J. Biochem.
Date: 1993
Volume: 217 Number: 3 Pages: 965-71
CODEN: EJBCAI
ISSN: 0014-2956
Language: English

12/3,K/77 (Item 48 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

119065349 CA: 119(7)65349r JOURNAL
Botulinum neurotoxin serotype F is a zinc endopeptidase specific for
VAMP/synaptobrevin

singlechaintoxin.txt

Author: Schiavo, Giampietro; Shone, Clifford C.; Rossetto, Ornella; Alexander, Frances C. G.; Montecucco, Cesare
Location: Cent. Cons. Naz. Ric. Biomembr., 35121, Padua, Italy
Journal: J. Biol. Chem.
Date: 1993
Volume: 268 Number: 16 Pages: 11516-19
CODEN: JBCHA3
ISSN: 0021-9258
Language: English

12/3,K/78 (Item 49 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

117145128 CA: 117(15)145128s JOURNAL
Inhibition of calcium-dependent release of noradrenaline from PC12 cells by botulinum type-A neurotoxin. Long-term effects of the neurotoxin on intact cells
Author: Shone, Clifford C.; Melling, Jack
Location: Cent. Appl. Microbiol. Res., PHLS, Porton Down, UK,
Journal: Eur. J. Biochem.
Date: 1992
Volume: 207 Number: 3 Pages: 1009-16
CODEN: EJBCAI
ISSN: 0014-2956
Language: English

12/3,K/79 (Item 50 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

117042347 CA: 117(5)42347h JOURNAL
Intracellular form of botulinum type A neurotoxin after long-term incubation with PC12 cells
Author: Shone, C. C.
Location: Cent. Appl. Microbiol. Res., Porton Down/Salisbury/Wiltshire, UK, SP4 0JG
Journal: Zentralbl. Bakteriол., Suppl.
Date: 1992
Volume: 23 Number: Bact. Protein Toxins Pages: 71-2
CODEN: ZBASE2
Language: English

12/3,K/80 (Item 51 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

115043897 CA: 115(5)43897h JOURNAL
Inhibition of noradrenaline release from PC12 cells by botulinum type A neurotoxin
Author: Shone, C. C.
Location: Cent. Appl. Microbiol. Res., Salisbury/wilts, UK, SP4 0JG
Journal: Zentralbl. Bakteriол., Suppl.
Date: 1990
Volume: 19 Number: Bact. Protein Toxins Pages: 263-4
CODEN: ZBASE2
Language: English

12/3,K/81 (Item 52 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

singlechaintoxin.txt

114241478 CA: 114(25)241478q JOURNAL
Determination of the complete nucleotide sequence for the neurotoxin of Clostridium botulinum type A
Author: Thompson, D. E.; Brehm, J. K.; Oultram, J. D.; Swinfield, T. J.; Shone, C. C.; Minton, N. P.
Location: Div. Biotechnol., PHLS, Salisbury, UK,
Journal: Zentralbl. Bakteriol., Suppl.
Date: 1990
Volume: 19 Number: Bact. Protein Toxins Pages: 111-12
CODEN: ZBASE2
Language: English

12/3,K/82 (Item 53 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

112231081 CA: 112(25)231081z JOURNAL
Botulinum type F neurotoxin. Large-scale purification and characterization of its binding to rat cerebrocortical synaptosomes
Author: Wadsworth, Jonathan D. F.; Desai, Mohamed; Tranter, Howard S.; King, Helen J.; Hambleton, Peter; Melling, Jack; Dolly, J. Oliver; Shone, Clifford C.
Location: Dep. Biochem., Imp. Coll. Sci. Technol., London, UK, SW7 2AZ
Journal: Biochem. J.
Date: 1990
Volume: 268 Number: 1 Pages: 123-8
CODEN: BIJOAK
ISSN: 0306-3275
Language: English

12/3,K/83 (Item 54 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

109068593 CA: 109(9)68593v JOURNAL
Roles of the constituent chains of botulinum neurotoxin type A in the blockade of neuromuscular transmission in mice
Author: Wadsworth, Jonathan D. F.; Shone, Clifford C.; Melling, Jack; Dolly, J. Oliver
Location: Dep. Biochem., Imp. Coll. Sci. Technol., London, UK, SW7 2AZ
Journal: Biochem. Soc. Trans.
Date: 1988
Volume: 16 Number: 5 Pages: 886-7
CODEN: BCSTB5
ISSN: 0300-5127
Language: English

12/3,K/84 (Item 55 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

107128817 CA: 107(15)128817s JOURNAL
A 50-kDa fragment from the amino-terminus of the heavy subunit of Clostridium botulinum type A neurotoxin forms channels in lipid vesicles
Author: Shone, Clifford C.; Hambleton, Peter; Melling, Jack
Location: Vaccine Res. and Product. Lab., Cent. Appl. Microbiol. Res., Salisbury, UK, SP4 0JG

Journal: Eur. J. Biochem.
 Date: 1987
 Volume: 167 Number: 1 Pages: 175-80
 CODEN: EJBCAI
 ISSN: 0014-2956
 Language: English

12/3,K/85 (Item 56 from file: 399) Links
 Fulltext available through: STIC Full Text Retrieval Options
 CA SEARCH(R)
 (c) 2008 American Chemical Society. All rights reserved.

103117838 CA: 103(15)117838r JOURNAL
 Inactivation of Clostridium botulinum type A neurotoxin by trypsin and purification of two tryptic fragments. Proteolytic action near the carboxy-terminus of the heavy subunit destroys toxin-binding activity
 Author: Shone, Clifford C.; Hambleton, Peter; Melling, Jack
 Location: Public Health Lab. Serv., Cent. Appl. Microbiol. Res., Salisbury, UK, 5PH 0JG
 Journal: Eur. J. Biochem.
 Date: 1985
 Volume: 151 Number: 1 Pages: 75-82
 CODEN: EJBCAI
 ISSN: 0014-2956
 Language: English

? e au=foster, k?

Ref	Items	Index-term
E1	44	AU=FOSTER, K.W.
E2	1	AU=FOSTER, K.W.S.
E3	0	AU=FOSTER, K?
E4	47	AU=FOSTER, KA
E5	2	AU=FOSTER, KARA
E6	1	AU=FOSTER, KARA D
E7	2	AU=FOSTER, KARA D.
E8	2	AU=FOSTER, KARA DENISE
E9	4	AU=FOSTER, KAREN
E10	6	AU=FOSTER, KAREN A
E11	14	AU=FOSTER, KAREN A.
E12	1	AU=FOSTER, KAREN ANITA
E13	1	AU=FOSTER, KAREN ANN BANKSTON
E14	1	AU=FOSTER, KAREN CHRISTIE
E15	1	AU=FOSTER, KAREN E
E16	2	AU=FOSTER, KAREN E.
E17	1	AU=FOSTER, KAREN J.
E18	1	AU=FOSTER, KAREN K.
E19	9	AU=FOSTER, KAREN L
E20	18	AU=FOSTER, KAREN L.
E21	1	AU=FOSTER, KAREN LEPPERT
E22	1	AU=FOSTER, KAREN LOUISE
E23	1	AU=FOSTER, KAREN MYERS
E24	5	AU=FOSTER, KAREN POLINGER
E25	1	AU=FOSTER, KAREN RUTH ENLOW

Enter PAGE for more

? Please enter a command or be logged off in 5 minutes
 ? Logoff
 Estimated Cost Summary
 Project
 Client

singlechaintoxin.txt

Charge Code
Searcher
Job
Service Code
User Number

N. Archie

51
294084
Date
Time
SessionID
Subsession
Subaccount
01/03/2009
20:05:48
240
3

Data Base
Dial Units
Access Charge
Print Credit
Types
Prints
Report
Rank
Links
CSS
Total
5
0.6870
4.25
0.00
2.44
0.00
0.00
0.00
0.00
0.00
0.00
6.69
6
0.1030
0.78
0.00
15.96
0.00
0.00
0.00
0.00
0.00
0.00
16.74
24
0.2530
1.63
0.00
54.00
0.00
0.00
0.00

singlechaintoxin.txt

0.00
0.00
55.63
34
0.3470
9.87
0.00
16.56
0.00
0.00
0.00
0.00
0.00
26.43
40
0.0530
0.40
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.40
41
0.0590
0.38
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.38
45
0.1060
0.55
0.00
4.32
0.00
0.00
0.00
0.00
0.00
4.87
50
0.1690
0.80
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.80
65
0.0750
0.32
0.00
1.30

singlechaintoxin.txt

0.00
0.00
0.00
0.00
0.00
1.62
71
0.2030
2.21
0.00
0.00
0.00
0.00
0.00
0.00
0.00
2.21
72
0.6560
9.08
0.00
15.32
0.00
0.00
0.00
0.00
0.00
24.40
73
0.6590
9.12
0.00
0.00
0.00
0.00
0.00
0.00
0.00
9.12
76
0.1530
0.99
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.99
98
0.1160
0.51
0.00
3.14
0.00
0.00
0.00
0.00
0.00
3.65
103
0.0560

singlechaintoxin.txt

0.37
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.37
136
0.0660
0.42
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.42
143
0.1090
0.34
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.34
144
0.1970
1.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
1.00
154
0.6870
2.42
0.00
0.00
0.00
0.00
0.00
0.00
0.00
2.42
155
0.6560
2.31
0.00
0.00
0.00
0.00
0.00
0.00
0.00

singlechaintoxin.txt

2.31
156
0.1500
0.92
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.92
162
0.0810
0.38
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.38
172
0.0620
0.86
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.86
305
0.0720
0.93
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.93
369
0.0470
0.17
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.17
370
0.0530
0.19
0.00
0.00
0.00
0.00

singlechaintoxin.txt

0.00
0.00
0.00
0.19
393
0.0720
0.21
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.21
399
1.1180
14.61
0.00
169.86
0.00
0.00
0.00
0.00
0.00
0.00
184.47
434
0.0810
2.31
0.00
0.00
0.00
0.00
0.00
0.00
0.00
2.31
28
0.0560
0.36
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.36
35
0.0720
0.30
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.30
44
0.0690
0.55
0.00

singlechaintoxin.txt

0.00
0.00
0.00
0.00
0.00
0.00
0.55
91
0.0590
0.27
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.27
110
0.0440
0.26
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.26
135
0.0910
0.51
0.00
2.20
0.00
0.00
0.00
0.00
0.00
0.00
2.71
164
0.0500
0.18
0.00
0.00
0.00
0.00
0.00
0.00
0.18
185
0.0720
0.46
0.00
0.00
0.00
0.00
0.00
0.00
0.46
357

singlechaintoxin.txt

0.1530
4.18
0.00
6.10
0.00
0.00
0.00
0.00
0.00
10.28
391
0.0500
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
467
0.0470
0.31
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.31
138
0.0500
0.19
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.19
149
0.0970
0.44
0.00
2.46
0.00
0.00
0.00
0.00
0.00
2.90
159
0.1810
0.59
0.00
0.00
0.00
0.00
0.00
0.00

singlechaintoxin.txt

0.00
0.59
266
0.0660
0.24
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.24
444
0.0660
0.33
0.00
2.54
0.00
0.00
0.00
0.00
0.00
2.87
8
0.0970
0.94
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.94
99
0.0660
0.32
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.32
315
0.0530
0.50
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.50
358
0.0620
0.24
0.00
0.00
0.00

singlechaintoxin.txt

0.00
0.00
0.00
0.00
0.24
Sub Totals
8.6470
\$79.50
\$0.00
\$296.20
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$375.70
Session Totals
9.0350
\$80.41

Telecom
\$12.86

\$389.47

Ended session: 1/3/2009 8:05:53 PM

? Logon
*** It is now 1/3/2009 8:17:25 PM ***
Welcome to DialogLink - Version 5
Revolutionize the Way You Work!

New on Dialog

Order Patent and Trademark File Histories Through Dialog

Thomson File Histories are now available directly through Dialog. Combined with the comprehensive patent and trademark information on Dialog, file histories give you the most complete view of a patent or trademark and its history in one place. When searching in the following patent and trademark databases, a link to an online order form is displayed in your search results, saving you time in obtaining the file histories you need.

Thomson File Histories are available from the following Dialog databases:

CLAIMS/Current Patent Legal Status (File 123)
CLAIMS/U.S. Patents (File 340)
Chinese Patent Abstracts in English (File 344)
Derwent Patents Citation Index (File 342)
Derwent World Patents Index (for users in Japan) (File 352)
Derwent World Patents Index First View (File 331)
Derwent World Patents Index (File 351)
Derwent World Patents Index (File 350)
Ei EnCompassPat (File 353)
European Patents Fulltext (File 348)
French Patents (File 371)
German Patents Fulltext (File 324)
IMS Patent Focus (File 447, 947)
INPADOC/Family and Legal Status (File 345)
JAPIO - Patent Abstracts of Japan (File 347)
LitAlert (File 670)

singlechaintoxin.txt
U.S. Patents Fulltext (1971-1975) (File 652)
U.S. Patents Fulltext (1976-present) (File 654)
WIPO/PCT Patents Fulltext (File 349)
TRADEMARKSCAN - U.S. Federal (File 226)

DialogLink 5 Release Notes

New features available in the latest release of DialogLink 5 (August 2006)
Ability to resize images for easier incorporation into DialogLink Reports
New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft word, RTF, PDF, HTML, or TEXT)
Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database
Support for connections to STN Germany and STN Japan services

Show Preferences for details

? Help Off Line

* * *

Connecting to N. Archie - Dialog - 294084
Connected to Dialog via SMS00200333

? b biochem biosci biotech medicine

[File 5] Biosis Previews(R) 1926-2008/Dec w4

(c) 2008 The Thomson Corporation. All rights reserved.

[File 6] NTIS 1964-2008/Jan w2

(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 24] CSA Life Sciences Abstracts 1966-2008/Nov

(c) 2008 CSA. All rights reserved.

[File 34] SciSearch(R) Cited Ref Sci 1990-2008/Dec w3

(c) 2008 The Thomson Corp. All rights reserved.

[File 40] Enviroline(R) 1975-2008/May

(c) 2008 Congressional Information Service. All rights reserved.

*File 40: This file is closed and will no longer update. For similar data, please search File 76-Environmental Sciences.

[File 41] Pollution Abstracts 1966-2008/Oct

(c) 2008 CSA. All rights reserved.

[File 45] EMCare 2008/Dec w3

(c) 2008 Elsevier B.V. All rights reserved.

[File 50] CAB Abstracts 1972-2008/Dec w2

(c) 2008 CAB International. All rights reserved.

*File 50: The file has been reloaded and accession numbers have changed. See HELP NEWS50 for information.

[File 65] Inside Conferences 1993-2008/Dec 31

(c) 2008 BLDSC all rts. reserv. All rights reserved.

[File 71] ELSEVIER BIOBASE 1994-2008/DEC w2

(c) 2008 ELSEVIER B.V. All rights reserved.

*File 71: The file has been reloaded. Accession numbers have changed.

[File 72] EMBASE 1993-2008/Dec 31

(c) 2008 Elsevier B.V. All rights reserved.

[File 73] EMBASE 1974-2008/Dec 24

(c) 2008 Elsevier B.V. All rights reserved.

[File 76] Environmental Sciences 1966-2008/Nov

(c) 2008 CSA. All rights reserved.

[File 98] General Sci Abs 1984-2008/Nov

(c) 2008 The HW Wilson Co. All rights reserved.

[File 103] Energy SciTec 1974-2008/Dec B1

(c) 2008 Contains copyrighted material. All rights reserved.

*File 103: For access restrictions see Help Restrict.

[File 136] BioEngineering Abstracts 1966-2007/Jan

(c) 2007 CSA. All rights reserved.
 *File 136: This file is closed.
 [File 143] Biol. & Agric. Index 1983-2008/Nov
 (c) 2008 The HW Wilson Co. All rights reserved.
 [File 144] Pascal 1973-2008/Dec w2
 (c) 2008 INIST/CNRS. All rights reserved.
 [File 154] MEDLINE(R) 1990-2008/Dec 09
 (c) format only 2008 Dialog. All rights reserved.
 *File 154: Medline has temporarily ceased updating with UD20081210, in preparation for the annual reload.
 [File 155] MEDLINE(R) 1950-2008/Dec 10
 (c) format only 2008 Dialog. All rights reserved.
 *File 155: Medline has temporarily ceased updating with UD20081210, in preparation for its annual reload.
 [File 156] ToxFile 1965-2008/Nov w2
 (c) format only 2008 Dialog. All rights reserved.
 *File 156: The file has temporarily ceased updating with Medline records as Medline has, in preparation for its annual reload.
 [File 162] Global Health 1983-2008/Dec w3
 (c) 2008 CAB International. All rights reserved.
 *File 162: The file has been reloaded and accession numbers have changed. See HELP NEWS 162 for information.
 [File 172] EMBASE Alert 2008/Dec 31
 (c) 2008 Elsevier B.V. All rights reserved.
 [File 305] Analytical Abstracts 1980-2008/Dec w2
 (c) 2008 Royal Soc Chemistry. All rights reserved.
 *File 305: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.
 [File 369] New Scientist 1994-2008/Dec w4
 (c) 2009 Reed Business Information Ltd. All rights reserved.
 [File 370] Science 1996-1999/Jul w3
 (c) 1999 AAAS. All rights reserved.
 *File 370: This file is closed (no updates). Use File 47 for more current information.
 [File 393] Beilstein Database - Abstracts 2008/Q2
 (c) 2008 Beilstein GmbH. All rights reserved.
 [File 399] CA SEARCH(R) 1967-2008/UD=15001
 (c) 2008 American Chemical Society. All rights reserved.
 *File 399: Use is subject to the terms of your user/customer agreement. IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.
 [File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp. All rights reserved.
 [File 28] Oceanic Abstracts 1966-2008/Nov
 (c) 2008 CSA. All rights reserved.
 [File 35] Dissertation Abs Online 1861-2008/Feb
 (c) 2008 ProQuest Info&Learning. All rights reserved.
 [File 44] Aquatic Science & Fisheries Abstracts 1966-2008/Nov
 (c) 2008 CSA. All rights reserved.
 [File 91] MANTIS(TM) 1880-2008/Aug
 2001 (c) Action Potential. All rights reserved.
 *File 91: The supplier is changing formats so the file is temporarily not updating.
 [File 110] WasteInfo 1974-2002/Jul
 (c) 2002 AEA Techn Env. All rights reserved.
 *File 110: This file is closed (no updates)
 [File 135] NewsRx Weekly Reports 1995-2008/Dec w3
 (c) 2008 NewsRx. All rights reserved.
 [File 164] Allied & Complementary Medicine 1984-2008/Dec
 (c) 2008 BLHCIS. All rights reserved.
 [File 185] Zoological Record Online(R) 1864-2008/Nov
 (c) 2008 The Thomson Corp. All rights reserved.
 [File 357] Derwent Biotech Res. _1982-2008/Nov w5
 (c) 2008 Thomson Reuters. All rights reserved.
 [File 391] Beilstein Database - Reactions 2008/Q2

singlechaintoxin.txt

(c) 2008 Beilstein GmbH. All rights reserved.

[File 467] ExtraMED(tm) 2000/Dec

(c) 2001 Informania Ltd. All rights reserved.

[File 8] Ei Compendex(R) 1884-2008/Dec w2

(c) 2008 Elsevier Eng. Info. Inc. All rights reserved.

[File 99] wilson Appl. Sci & Tech Abs 1983-2008/Oct

(c) 2008 The HW Wilson Co. All rights reserved.

[File 266] FEDRIP 2008/Nov

Comp & dist by NTIS, Intl Copyright All Rights Res. All rights reserved.

[File 315] ChemEng & Biotec Abs 1970-2008/Dec

(c) 2008 DECHEMA. All rights reserved.

*File 315: December 2007 - the reloaded database is now online. Please consult the updated Bluesheet for details on new and changed fields.

[File 358] Current BioTech Abs 1983-2006/Jan

(c) 2006 DECHEMA. All rights reserved.

*File 358: This file is no longer updating. Please use File 315, which includes all File 358 records and updates.

[File 138] Physical Education Index 1990-2008/Oct

(c) 2008 CSA. All rights reserved.

[File 149] TGG Health&wellness DB(SM) 1976-2008/Nov w5

(c) 2008 Gale/Cengage. All rights reserved.

[File 159] Cancerlit 1975-2002/Oct

(c) format only 2002 Dialog. All rights reserved.

[File 444] New England Journal of Med. 1985-2008/Sep w2

(c) 2008 Mass. Med. Soc. All rights reserved.

? e au=foster, k?

Ref	Items	Index-term
E1	44	AU=FOSTER, K.W.
E2	1	AU=FOSTER, K.W.S.
E3	0	AU=FOSTER, K?
E4	47	AU=FOSTER, KA
E5	2	AU=FOSTER, KARA
E6	1	AU=FOSTER, KARA D
E7	2	AU=FOSTER, KARA D.
E8	2	AU=FOSTER, KARA DENISE
E9	4	AU=FOSTER, KAREN
E10	6	AU=FOSTER, KAREN A
E11	14	AU=FOSTER, KAREN A.
E12	1	AU=FOSTER, KAREN ANITA
E13	1	AU=FOSTER, KAREN ANN BANKSTON
E14	1	AU=FOSTER, KAREN CHRISTIE
E15	1	AU=FOSTER, KAREN E
E16	2	AU=FOSTER, KAREN E.
E17	1	AU=FOSTER, KAREN J.
E18	1	AU=FOSTER, KAREN K.
E19	9	AU=FOSTER, KAREN L
E20	18	AU=FOSTER, KAREN L.
E21	1	AU=FOSTER, KAREN LEPPERT
E22	1	AU=FOSTER, KAREN LOUISE
E23	1	AU=FOSTER, KAREN MYERS
E24	5	AU=FOSTER, KAREN POLINGER
E25	1	AU=FOSTER, KAREN RUTH ENLOW

Enter PAGE for more

? s e9-e25

4	AU=FOSTER, KAREN
6	AU=FOSTER, KAREN A
14	AU=FOSTER, KAREN A.
1	AU=FOSTER, KAREN ANITA
1	AU=FOSTER, KAREN ANN BANKSTON

singlechaintoxin.txt

1 AU=FOSTER, KAREN CHRISTIE
 1 AU=FOSTER, KAREN E
 2 AU=FOSTER, KAREN E.
 1 AU=FOSTER, KAREN J.
 1 AU=FOSTER, KAREN K.
 9 AU=FOSTER, KAREN L
 18 AU=FOSTER, KAREN L.
 1 AU=FOSTER, KAREN LEPPERT
 1 AU=FOSTER, KAREN LOUISE
 1 AU=FOSTER, KAREN MYERS
 5 AU=FOSTER, KAREN POLINGER
 1 AU=FOSTER, KAREN RUTH ENLOW
 S1 68 S E9-E25

? s s1 and saccharide

68 S1
 205095 SACCHARIDE
 S2 0 S S1 AND SACCHARIDE

? e au=foster, k?

Ref	Items	Index-term
E1	44	AU=FOSTER, K.W.
E2	1	AU=FOSTER, K.W.S.
E3	0	AU=FOSTER, K?
E4	47	AU=FOSTER, KA
E5	2	AU=FOSTER, KARA
E6	1	AU=FOSTER, KARA D
E7	2	AU=FOSTER, KARA D.
E8	2	AU=FOSTER, KARA DENISE
E9	4	AU=FOSTER, KAREN
E10	6	AU=FOSTER, KAREN A
E11	14	AU=FOSTER, KAREN A.
E12	1	AU=FOSTER, KAREN ANITA
E13	1	AU=FOSTER, KAREN ANN BANKSTON
E14	1	AU=FOSTER, KAREN CHRISTIE
E15	1	AU=FOSTER, KAREN E
E16	2	AU=FOSTER, KAREN E.
E17	1	AU=FOSTER, KAREN J.
E18	1	AU=FOSTER, KAREN K.
E19	9	AU=FOSTER, KAREN L
E20	18	AU=FOSTER, KAREN L.
E21	1	AU=FOSTER, KAREN LEPPERT
E22	1	AU=FOSTER, KAREN LOUISE
E23	1	AU=FOSTER, KAREN MYERS
E24	5	AU=FOSTER, KAREN POLINGER
E25	1	AU=FOSTER, KAREN RUTH ENLOW

Enter PAGE for more

? e au=foster, keith

Ref	Items	Index-term
E1	57	AU=FOSTER, KE
E2	8	AU=FOSTER, KEIR
E3	25	AU=FOSTER, KEITH
E4	3	AU=FOSTER, KEITH A
E5	192	AU=FOSTER, KEITH A.
E6	10	AU=FOSTER, KEITH A. (ED)
E7	16	AU=FOSTER, KEITH ALAN
E8	3	AU=FOSTER, KEITH ALLEN
E9	1	AU=FOSTER, KEITH D.
E10	1	AU=FOSTER, KEITH EDWARD ST. JOHN
E11	1	AU=FOSTER, KEITH THOMAS
E12	3	AU=FOSTER, KELLEY A
E13	8	AU=FOSTER, KELLEY A.

singlechaintoxin.txt

E14 1 AU=FOSTER, KELLI
 E15 1 AU=FOSTER, KELLIE
 E16 1 AU=FOSTER, KELLIE D.
 E17 5 AU=FOSTER, KELLY
 E18 9 AU=FOSTER, KELLY A
 E19 9 AU=FOSTER, KELLY A.
 E20 2 AU=FOSTER, KELLY ANNE
 E21 3 AU=FOSTER, KELLY L.
 E22 2 AU=FOSTER, KELLY M.
 E23 7 AU=FOSTER, KELLY W.
 E24 11 AU=FOSTER, KEN
 E25 2 AU=FOSTER, KEN R.
 Enter PAGE for more

? s e1-e11
 57 AU=FOSTER, KE
 8 AU=FOSTER, KEIR
 25 AU=FOSTER, KEITH
 3 AU=FOSTER, KEITH A
 192 AU=FOSTER, KEITH A.
 10 AU=FOSTER, KEITH A. (ED)
 16 AU=FOSTER, KEITH ALAN
 3 AU=FOSTER, KEITH ALLEN
 1 AU=FOSTER, KEITH D.
 1 AU=FOSTER, KEITH EDWARD ST. JOHN
 1 AU=FOSTER, KEITH THOMAS
 S3 314 S E1-E11

? s s3 and saccharide
 314 S3
 205095 SACCHARIDE
 S4 0 S S3 AND SACCHARIDE

? s s3
 S5 314 S S3

? rd
 >>>w: Duplicate detection is not supported for File 393.
 Duplicate detection is not supported for File 391.
 Records from unsupported files will be retained in the RD set.
 S6 283 RD (UNIQUE ITEMS)

? s s6 and staphyloccal
 283 S6
 447 STAPHYLOCCAL
 S7 0 S S6 AND STAPHYLOCCAL

? e au=chaddock, J?

Ref	Items	Index-term
E1	5	AU=CHADDOCK, J.B
E2	26	AU=CHADDOCK, J.B.
E3	0	AU=CHADDOCK, J?
E4	17	AU=CHADDOCK, JA
E5	1	AU=CHADDOCK, JA*
E6	79	AU=CHADDOCK, JACK B.
E7	1	AU=CHADDOCK, JACK BARTLEY
E8	5	AU=CHADDOCK, JOEL
E9	11	AU=CHADDOCK, JOHN
E10	6	AU=CHADDOCK, JOHN A
E11	20	AU=CHADDOCK, JOHN A.
E12	7	AU=CHADDOCK, JOHN ANDREW
E13	1	AU=CHADDOCK, K.M.
E14	1	AU=CHADDOCK, L.

singlechaintoxin.txt

E15 1 AU=CHADDOCK, LAURA
E16 2 AU=CHADDOCK, M.
E17 1 AU=CHADDOCK, P.
E18 1 AU=CHADDOCK, R. E. V.
E19 3 AU=CHADDOCK, R.E.
E20 2 AU=CHADDOCK, RICHARD E.
E21 1 AU=CHADDOCK, ROBERT EMMET
E22 1 AU=CHADDOCK, ROGER
E23 1 AU=CHADDOCK, ROGER E.
E24 4 AU=CHADDOCK, S
E25 1 AU=CHADDOCK, S.
Enter PAGE for more

? s e9-e12
11 AU=CHADDOCK, JOHN
6 AU=CHADDOCK, JOHN A
20 AU=CHADDOCK, JOHN A.
7 AU=CHADDOCK, JOHN ANDREW
S8 44 S E9-E12

? s s8 and saccharide
44 S8
205095 SACCHARIDE
S9 1 S S8 AND SACCHARIDE

? t s9/3,k/1
>>>W: KWIC option is not available in file(s): 399
9/3,K/1 (Item 1 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

142070456 CA: 142(5)70456c JOURNAL
Crystal structures of Erythrina cristagalli lectin with bound N-linked
oligosaccharide and lactose
Author: Turton, Kathryn; Natesh, Ramanathan; Thiyagarajan, Nethaji; Chaddock, John
A.; Acharya, K. Ravi
Location: Department of Biology and Biochemistry, University of Bath, Claverton
Down, Bath, UK, BA2 7AY
Journal: Glycobiology
Date: 2004
Volume: 14 Number: 10 Pages: 923-929
CODEN: GLYCE3
ISSN: 0959-6658
Language: English
Publisher: Oxford University Press

? e au=marks, p?
Ref Items Index-term
E1 1 AU=MARKS, P.T.
E2 2 AU=MARKS, P.V.
E3 0 AU=MARKS, P?
E4 41 AU=MARKS, PA
E5 1 AU=MARKS, PA (EDS)
E6 4 AU=MARKS, PAMELA
E7 1 AU=MARKS, PAMELA ANN
E8 12 AU=MARKS, PAMELA J.
E9 1 AU=MARKS, PAMELA K.
E10 3 AU=MARKS, PATRICIA
E11 1 AU=MARKS, PATRICIA A
E12 3 AU=MARKS, PATRICIA A.

singlechaintoxin.txt

E13	2	AU=MARKS, PATRICIA ANN WARREN
E14	1	AU=MARKS, PATRICIA HUNT
E15	1	AU=MARKS, PATRICIA N.
E16	1	AU=MARKS, PATRICIA RUTH
E17	3	AU=MARKS, PATRICK
E18	1	AU=MARKS, PATRICK C
E19	3	AU=MARKS, PATRICK C.
E20	1	AU=MARKS, PATRICK EUGENE
E21	3	AU=MARKS, PATRICK J
E22	1	AU=MARKS, PATRICK J.
E23	579	AU=MARKS, PAUL
E24	16	AU=MARKS, PAUL A
E25	8	AU=MARKS, PAUL A (ED)

Enter PAGE for more

? page

Ref	Items	Index-term
E26	226	AU=MARKS, PAUL A.
E27	3	AU=MARKS, PAUL H
E28	1	AU=MARKS, PAUL H.
E29	1	AU=MARKS, PAUL THOMAS
E30	1	AU=MARKS, PAULA
E31	1	AU=MARKS, PAULA A.
E32	4	AU=MARKS, PAULA J.
E33	1	AU=MARKS, PAULA JEAN
E34	8	AU=MARKS, PAWEL
E35	3	AU=MARKS, PBD
E36	1	AU=MARKS, PENELOPE J.
E37	1	AU=MARKS, PERCY L.
E38	37	AU=MARKS, PETER
E39	1	AU=MARKS, PETER A.
E40	1	AU=MARKS, PETER ANTHONY
E41	1	AU=MARKS, PETER G
E42	1	AU=MARKS, PETER G.
E43	2	AU=MARKS, PETER J.
E44	6	AU=MARKS, PETER L
E45	4	AU=MARKS, PETER L.
E46	1	AU=MARKS, PETER LAWRENCE
E47	1	AU=MARKS, PETER VINCENT, JR.
E48	6	AU=MARKS, PETER W
E49	20	AU=MARKS, PETER W.
E50	3	AU=MARKS, PETER WAYNE

Enter PAGE for more

? page

Ref	Items	Index-term
E1	3	AU=MARKS, PETER WAYNE
E2	1	AU=MARKS, PG
E3	2	AU=MARKS, PH
E4	1	AU=MARKS, PH.
E5	2	AU=MARKS, PHIL
E6	8	AU=MARKS, PHILIP
E7	1	AU=MARKS, PHILIP A.
E8	1	AU=MARKS, PHILIP ANDRE
E9	2	AU=MARKS, PHILIP C.
E10	1	AU=MARKS, PHILIP CHARLES
E11	1	AU=MARKS, PHILIP M. H.
E12	1	AU=MARKS, PHILIP S.
E13	1	AU=MARKS, PHILLIPA
E14	1	AU=MARKS, PIERCE
E15	23	AU=MARKS, PJ
E16	40	AU=MARKS, PL
E17	1	AU=MARKS, PMH

singlechaintoxin.txt

```
E18      1  AU=MARKS, PR
E19      1  AU=MARKS, PS
E20      2  AU=MARKS, PT
E21      8  AU=MARKS, PW
E22     145  AU=MARKS, R
E23     707  AU=MARKS, R.
E24      1  AU=MARKS, R. (NEW SOUTH WALES UNIV., KENSINGTON (
E25      3  AU=MARKS, R. A
          Enter PAGE for more
```

```
? s e3-e13
          2  AU=MARKS, PH
          1  AU=MARKS, PH.
          2  AU=MARKS, PHIL
          8  AU=MARKS, PHILIP
          1  AU=MARKS, PHILIP A.
          1  AU=MARKS, PHILIP ANDRE
          2  AU=MARKS, PHILIP C.
          1  AU=MARKS, PHILIP CHARLES
          1  AU=MARKS, PHILIP M. H.
          1  AU=MARKS, PHILIP S.
          1  AU=MARKS, PHILLIPA
S10      21  S E3-E13
```

```
? rd
>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S11      21  RD (UNIQUE ITEMS)
```

```
? s s11 and staph?
          21  S11
          878128 STAPH?
S12      0  S S11 AND STAPH?
```

```
? s s11
S13      21  S S11
```

```
? e d
Ref  Items  RT  Index-term
E1 12823980  D
E2      1    D  C ORANGE NO. 17-M
E3      2    D  C ORANGE 17
E4      3    D  RED BLOOD CELL
E5      1    D  .
E6      1    D  . DENTIFER
E7      1    D  . DREHERI
E8      1    D  . FILISTOMA
E9      1    D  . LY ROIDES
E10     1    D  . MICROPS AQUILONIUS
E11     1    D  . MULTIDENTATUS
E12     1    D  . MUTADOMUM
E13     1    D  . NOINSKYI
E14     1    D  . OLIGOCAENICUS
E15     1    D  . SIMPSONI
E16     1    D  . STRIATELLUS
E17     1    D  <- A, D <- B TRANSITIONS IN O-2
E18     1    D  <- A, D <- B TRANSITIONS ON OXYGEN
E19     2    D  <-A TRANSITION
E20     1    D  (
E21     1    D  ((MP))-CONVOLUTION OF ULTRADISTRIBUTIONS
E22     1    D  (+) CLOPROSTENOL SODIUM PRELOBAN
E23     1    D  (+) MANNOSE
```

singlechaintoxin.txt
E24 1 D (+)-CAMPHOR SULFONIC ACID
E25 1 D (+)-P-TOLUENESULFONYLLACTIC ACID ETHYL ESTER
Enter PAGE for more

? s s13
S14 21 S S13

? rd
>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S15 21 RD (UNIQUE ITEMS)

? rd
>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S16 21 RD (UNIQUE ITEMS)

? s s16 and polysacc?
21 S16
553702 POLYSACC?
S17 0 S S16 AND POLYSACC?

? s s16
S18 21 S S16

? t s16/3,k/1-5
>>>W: KWIC option is not available in file(s): 399
16/3,k/1 (Item 1 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0001062898 IP Accession No: 2584861
Occult posttraumatic osteochondral lesions of the knee: Prevalence, classification,
and short-term sequelae evaluated with MR imaging.

Dale Vellet, A; Marks, PH; Fowler, PJ; Munro, TG Dep. Diagn. Radiol. and Nucl. Med.,
Univ. Hosp., 339 Windermere Rd., P.O. Box 5339, London, Ont. N6A 5A5, Canada
Radiology , v 178 , n 1 , p 271-276 , 1991
Addl. Source Info: Radiology, vol. 178, no. 1, pp. 271-276, 1991
Publication Date: 1991

Document Type: Journal Article
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 0033-8419
File Segment: Calcium & Calcified Tissue Abstracts
Dale Vellet, A; Marks, PH; Fowler, PJ; Munro, TG

16/3,k/2 (Item 2 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0000761677 IP Accession No: 1925789
Heterotopic ossification around the hip with intramedullary nailing of the femur.

Marks, PH; Paley, D; Kellam, JF Sunnybrook Med. Cent., 2075 Bayview Ave., Suite
3015, Toronto, Ont. M4N 3M5, Canada
Journal of Trauma , v 28 , n 8 , p 1207-1213 , 1988
Addl. Source Info: Journal of Trauma [J. TRAUMA.], vol. 28, no. 8, pp. 1207-1213,

1988

Publication Date: 1988

Conference:

47. Annual Session of the American Association for the Surgery of Trauma, Montreal, Que. (Canada), 9-12 Sep 1987

Document Type: Journal Article; Conference

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0022-5282

File Segment: Calcium & Calcified Tissue Abstracts

Marks, PH; Paley, D; Kellam, JF

16/3,K/3 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148024474 CA: 148(2)24474h PATENT

Clostridial neurotoxin fusion proteins targeted to nociceptive sensory neurons for the treatment of pain

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Aoki, K. Roger; Francis, Joseph; Steward, Lance

Location: UK,

Assignee: Syntaxin Limited; Allergan, Inc.

Patent: PCT International ; WO 2007138339 A2 Date: 20071206

Application: WO 2007GB2049 (20070601) *GB 200610867 (20060601)

Pages: 124pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8	Level	Value	Position	Status	Version	Action	Source	Office:
A61K-0038/48	A	I	F	B	20060101	H	EP	
A61K-0039/08	A	I	L	B	20060101	H	EP	
A61P-0025/04	A	I	L	B	20060101	H	EP	

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA
Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

16/3,K/4 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

145050778 CA: 145(3)50778t PATENT

Fusion proteins comprising non-cytotoxic protease, translocation, protease cleavage site, and targeting moieties for the treatment of pain

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Aoki, K. Roger; Francis, Joseph; Steward, Lance

Location: UK,

Assignee: Health Protection Agency; Allergan, Inc.

Patent: PCT International ; WO 200659093 A2 Date: 20060608

Application: WO 2005GB4585 (20051201) *GB 200426394 (20041201) *GB 20054964 (20050310)

Pages: 267 pp.

singlechaintoxin.txt

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/16	A	I	F	B	20060101	H	EP
C07K-0019/00	A	I	L	B	20060101	H	EP
C07K-0014/435	A	I	L	B	20060101	H	EP
C12N-0015/62	A	I	L	B	20060101	H	EP

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA

Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

16/3,K/5 (Item 3 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

145050777

CA: 145(3)50777s

PATENT

Fusion proteins comprising non-cytotoxic protease, translocation, protease cleavage site, and targeting moieties for the treatment of diseases

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Durose, Lyndsey

Location: UK,

Assignee: Health Protection Agency

Patent: PCT International ; WO 200659113 A2 Date: 20060608

Application: WO 2005GB4606 (20051201) *GB 200426397 (20041201)

Pages: 114 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

C07K-0014/33	A	I	F	B	20060101	H	EP
--------------	---	---	---	---	----------	---	----

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA

Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

? e au=sutton, j?

Ref	Items	Index-term
E1	6	AU=SUTTON, J.T.
E2	7	AU=SUTTON, J.W.
E3	0	AU=SUTTON, J?
E4	16	AU=SUTTON, JA
E5	2	AU=SUTTON, JA JR
E6	16	AU=SUTTON, JACK
E7	3	AU=SUTTON, JACK W.
E8	1	AU=SUTTON, JACKIE
E9	1	AU=SUTTON, JACKLENE
E10	1	AU=SUTTON, JACQUELINE Y.
E11	1	AU=SUTTON, JAIM

```

                                singlechaintoxin.txt
E12      6  AU=SUTTON, JAIME M.
E13     12  AU=SUTTON, JAMES
E14      1  AU=SUTTON, JAMES A
E15      2  AU=SUTTON, JAMES A.
E16      1  AU=SUTTON, JAMES A., JR
E17      1  AU=SUTTON, JAMES BISHOP, JR
E18     519  AU=SUTTON, JAMES C.
E19      3  AU=SUTTON, JAMES C., JR.
E20      2  AU=SUTTON, JAMES CLIFFORD, JR.
E21      1  AU=SUTTON, JAMES D
E22      1  AU=SUTTON, JAMES D.
E23      2  AU=SUTTON, JAMES DOUGLAS
E24     13  AU=SUTTON, JAMES E.
E25      7  AU=SUTTON, JAMES EDWARD
          Enter PAGE for more

```

```

?  s e1-e25
      6  AU=SUTTON, J.T.
      7  AU=SUTTON, J.W.
      0  AU=SUTTON, J?
     16  AU=SUTTON, JA
      2  AU=SUTTON, JA JR
     16  AU=SUTTON, JACK
      3  AU=SUTTON, JACK W.
      1  AU=SUTTON, JACKIE
      1  AU=SUTTON, JACKLENE
      1  AU=SUTTON, JACQUELINE Y.
      1  AU=SUTTON, JAIM
      6  AU=SUTTON, JAIME M.
     12  AU=SUTTON, JAMES
      1  AU=SUTTON, JAMES A
      2  AU=SUTTON, JAMES A.
      1  AU=SUTTON, JAMES A., JR
      1  AU=SUTTON, JAMES BISHOP, JR
     519  AU=SUTTON, JAMES C.
      3  AU=SUTTON, JAMES C., JR.
      2  AU=SUTTON, JAMES CLIFFORD, JR.
      1  AU=SUTTON, JAMES D
      1  AU=SUTTON, JAMES D.
      2  AU=SUTTON, JAMES DOUGLAS
     13  AU=SUTTON, JAMES E.
      7  AU=SUTTON, JAMES EDWARD
s19     624  S E1-E25

```

```

?  s s19
s20     624  S s19

```

```

?  s s20 and saccharide
      624  S20
     205095  SACCHARIDE
s21      0  S S20 AND SACCHARIDE

```

```

?  s s21 and poly?

```

```

Processing
Processing
Processing
Processing
Processing
Processing

```

```

>>>W: File 144 processing for POLY? stopped at POLYTEREPHTHALATES

```

```

File 399 processing for POLY? stopped at POLYIOBUTYLENE

```

```

      0  S21
17110776  POLY?

```


singlechaintoxin.txt
S22 0 S S21 AND POLY?

? s s21
S23 0 S S21

? s s20
S24 624 S S20

? s s24 and aureus
624 S24
586086 AUREUS
S25 0 S S24 AND AUREUS

? e au=shone, clifford
Ref Items Index-term
E1 1 AU=SHONE, CLIFF
E2 2 AU=SHONE, CLIFF C.
E3 5 AU=SHONE, CLIFFORD
E4 14 AU=SHONE, CLIFFORD C
E5 9 AU=SHONE, CLIFFORD C (ED)
E6 53 AU=SHONE, CLIFFORD C.
E7 1 AU=SHONE, CLIFFORD C. (ED)
E8 15 AU=SHONE, CLIFFORD CHARLES
E9 1 AU=SHONE, D.
E10 1 AU=SHONE, D. G.
E11 2 AU=SHONE, D. K.
E12 1 AU=SHONE, D. L.
E13 7 AU=SHONE, D. L.
E14 3 AU=SHONE, D.L.
E15 2 AU=SHONE, DG
E16 3 AU=SHONE, DICK
E17 2 AU=SHONE, DUDLEY K.
E18 10 AU=SHONE, E. B.
E19 3 AU=SHONE, E.B
E20 7 AU=SHONE, E.B.
E21 6 AU=SHONE, EB
E22 4 AU=SHONE, EDWARD BRIAN
E23 16 AU=SHONE, F.
E24 1 AU=SHONE, F. C
E25 3 AU=SHONE, F. C.
Enter PAGE for more

? s e1-e8,e24-25
>>>W: Term "25" in invalid position
>>>E: There is no result

? s e1-e8,e24,e25
1 AU=SHONE, CLIFF
2 AU=SHONE, CLIFF C.
5 AU=SHONE, CLIFFORD
14 AU=SHONE, CLIFFORD C
9 AU=SHONE, CLIFFORD C (ED)
53 AU=SHONE, CLIFFORD C.
1 AU=SHONE, CLIFFORD C. (ED)
15 AU=SHONE, CLIFFORD CHARLES
1 AU=SHONE, F. C
3 AU=SHONE, F. C.
S26 103 S E1-E8,E24,E25

? s s25 and toxin
0 S25
1038535 TOXIN
S27 0 S S25 AND TOXIN

singlechaintoxin.txt

? s s26
S28 103 S S26

? rd

>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S29 85 RD (UNIQUE ITEMS)

? s s29 and toxin
85 S29
1038535 TOXIN
S30 60 S S29 AND TOXIN

? t s30/3,k/1-10

>>>W: KWIC option is not available in file(s): 399
30/3,k/1 (Item 1 from file: 98) Links

General Sci Abs

(c) 2008 The HW Wilson Co. All rights reserved.

03519319 H.W. Wilson Record Number: BGSI97019319

Botulinum neurotoxin B inhibits insulin-stimulated glucose uptake into 3T3-L1 adipocytes and cleaves cellubrevin unlike type A toxin which failed to proteolyze the SNAP-23 present.

Chen, Fusheng

Foran, Patrick; Shone, Clifford C

Biochemistry (American Chemical Society) (Biochemistry) v. 36 (May 13 '97) p. 5719-28

Document Type: Feature Article

Special Features: bibl il ISSN: 0006-2960

Language: English

Country Of Publication: United States

...inhibits insulin-stimulated glucose uptake into 3T3-L1 adipocytes and cleaves cellubrevin unlike type A toxin which failed to proteolyze the SNAP-23 present.

Foran, Patrick; Shone, Clifford C

Abstract: ...of the insulin-stimulated translocation of GLUT4 to the plasmalemma. This establishes that these two toxin substrates contribute to the insulin-regulated fusion of GLUT4-containing vesicles with the plasmalemma, at...

30/3,k/2 (Item 2 from file: 98) Links

General Sci Abs

(c) 2008 The HW Wilson Co. All rights reserved.

03260976 H.W. Wilson Record Number: BGSA96010976

Botulinum neurotoxin C1 cleaves both syntaxin and SNAP-25 in intact and permeabilized chromaffin cells: correlation with its blockade of catecholamine release.

Foran, Patrick

Lawrence, Gary W; Shone, Clifford C

Biochemistry (American Chemical Society) v. 35 (Feb. 27 1996) p. 2630-6

Special Features: bibl il ISSN: 0006-2960

Language: English

Country Of Publication: United States

Lawrence, Gary W; Shone, Clifford C

Abstract: ...were examined together with its underlying molecular action. Intact chromaffin cells were exposed to the toxin, and catecholamine release therefrom was then measured in conjunction with the monitoring of syntaxin cleavage...
...C-terminal peptide of SNAP-25 revealed the additional disappearance of

singlechaintoxin.txt

immunoreactivity, with the same toxin concentration dependency as syntaxin breakdown. Notably, the cleaved SNAP-25 product was similar in size...

Descriptors:

Chromaffin tissues; Syntaxin; Catecholamines; Synaptosome associated protein; Exocytosis; Botulinum toxin

30/3,K/3 (Item 3 from file: 98) Links

General Sci Abs

(c) 2008 The HW Wilson Co. All rights reserved.

03004575 H.w. Wilson Record Number: BGSA95004575

Differences in the protease activities of tetanus and botulinum B toxins revealed by the cleavage of vesicle-associated membrane protein and various sized fragments.

Foran, Patrick

Shone, Clifford C; Dolly, J. Oliver

Biochemistry (American Chemical Society) v. 33 (Dec. 27 1994) p. 15365-74

Special Features: bibl il ISSN: 0006-2960

Language: English

Country Of Publication: United States

Shone, Clifford C; Dolly, J. Oliver

Abstract: Botulinum neurotoxin serotype B (BoNT/B) and tetanus toxin (TeTx) block neuroexocytosis through selective endoproteolysis of vesicle-associated membrane protein (VAMP). The enzymological properties...

Descriptors:

Tetanus toxin; Proteolysis... ..Kinetics; Botulinum toxin

30/3,K/4 (Item 4 from file: 98) Links

General Sci Abs

(c) 2008 The HW Wilson Co. All rights reserved.

00524665 H.w. Wilson Record Number: BGSI85024665

Monoclonal antibody-based immunoassay for type A Clostridium botulinum toxin is comparable to the mouse bioassay.

Shone, Clifford

Wilton-Smith, Peter; Appleton, Nigel

Applied and Environmental Microbiology (Appl Environ Microbiol) v. 50 (July '85) p. 63-7

Document Type: Feature Article

Special Features: bibl il ISSN: 0099-2240

Language: English

Country Of Publication: United States

Monoclonal antibody-based immunoassay for type A Clostridium botulinum toxin is comparable to the mouse bioassay.

Shone, Clifford

30/3,K/5 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148347366

CA: 148(16)347366u

PATENT

Novel agent for controlling cell activity

Inventor (Author): North, John Robert; Foster, Keith Alan; Quinn, Conrad Padraig;

Shone, Clifford Charles

Location: Can.,

Patent: U.S. Pat. Appl. Publ. ; US 20080070278 A1 Date: 20080320

Application: US 2007819647 (20070628) *GB 935735 (19930319) *WO 94GB558 (19940318)

singlechaintoxin.txt
*US 513878 (19951201) *US 2000572431 (20000517)
Pages: 9pp., Cont.-in-part of U. S. Ser. No. 572,431.
CODEN: USXXCO

Language: English

Patent Classifications:

Class: 435069100

IPCR/8 + Level Value Position Status Version Action Source Office:

C12P-0021/04	A	I	F	B	20060101	20080320	H	US
C07H-0021/00	A	I	L	B	20060101	20080320	H	US
C07K-0014/00	A	I	L	B	20060101	20080320	H	US
C07K-0016/18	A	I	L	B	20060101	20080320	H	US
C12N-0009/00	A	I	L	B	20060101	20080320	H	US

30/3,K/6 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268110 CA: 147(13)268110g CONFERENCE PROCEEDING
Development of therapeutics based upon clostridial endopeptidase activity
Author: Foster, Keith A.; Chaddock, John A.
Location: Syntaxin Ltd., Salisbury, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 195-212
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

30/3,K/7 (Item 3 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268109 CA: 147(13)268109p CONFERENCE PROCEEDING
Expanding clinical uses of botulinum neurotoxins
Author: Moore, A. Peter
Location: The Walton Centre for Neurology and Neurosurgery, Liverpool University,
Liverpool, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 163-194
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

30/3,K/8 (Item 4 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268108 CA: 147(13)268108n CONFERENCE PROCEEDING
Introduction to clinical use of botulinum neurotoxins
Author: Barnes, Michael P.
Location: Hunters Moor Regional Rehabilitation Centre, Newcastle-upon-Tyne, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 139-162
CODEN: 69IYSV
Language: English

Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

30/3,K/9 (Item 5 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147135615 CA: 147(7)135615d CONFERENCE PROCEEDING
 Three-dimensional protein structures of light chains of botulinum neurotoxin
 serotypes A, B, and E and tetanus neurotoxin
 Author: Swaminathan, Subramanyam; Stevens, Raymond C.
 Location: Dep. Biology, Brookhaven National Lab., Upton, NY, USA
 Journal: Treat. Toxins
 Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
 Date: 2007
 Pages: 19-45
 CODEN: 69IYSV
 Language: English
 Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

30/3,K/10 (Item 6 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147023292 CA: 147(2)23292q JOURNAL
 Re-engineering the target specificity of clostridial neurotoxins - a route to novel
 therapeutics
 Author: Foster, Keith A.; Adams, Emily J.; Durose, Lyndsey; Cruttwell, Caroline J.;
 Marks, Elizabeth; Shone, Clifford C.; Chaddock, John A.; Cox, Clare L.; Heaton,
 Charlotte; Sutton, J. Mark; Wayne, Jonathan; Alexander, Frances C. G.; Rogers,
 Duncan F.
 Location: Centre for Emergency Preparedness & Response, Health Protection Agency,
 Salisbury, UK, SP4 0JG
 Journal: Neurotoxic. Res.
 Date: 2006
 Volume: 9 Number: 2,3 Pages: 101-107
 CODEN: NURRFI
 ISSN: 1029-8428
 Language: English
 Publisher: F. P. Graham Publishing Co.

? e au=foster, keith

Ref	Items	Index-term
E1	57	AU=FOSTER, KE
E2	8	AU=FOSTER, KEIR
E3	25	AU=FOSTER, KEITH
E4	3	AU=FOSTER, KEITH A
E5	192	AU=FOSTER, KEITH A.
E6	10	AU=FOSTER, KEITH A. (ED)
E7	16	AU=FOSTER, KEITH ALAN
E8	3	AU=FOSTER, KEITH ALLEN
E9	1	AU=FOSTER, KEITH D.
E10	1	AU=FOSTER, KEITH EDWARD ST. JOHN
E11	1	AU=FOSTER, KEITH THOMAS
E12	3	AU=FOSTER, KELLEY A
E13	8	AU=FOSTER, KELLEY A.
E14	1	AU=FOSTER, KELLI
E15	1	AU=FOSTER, KELLIE
E16	1	AU=FOSTER, KELLIE D.

singlechaintoxin.txt

E17 5 AU=FOSTER, KELLY
E18 9 AU=FOSTER, KELLY A
E19 9 AU=FOSTER, KELLY A.
E20 2 AU=FOSTER, KELLY ANNE
E21 3 AU=FOSTER, KELLY L.
E22 2 AU=FOSTER, KELLY M.
E23 7 AU=FOSTER, KELLY W.
E24 11 AU=FOSTER, KEN
E25 2 AU=FOSTER, KEN R.

Enter PAGE for more

? s e1-e11

57 AU=FOSTER, KE
8 AU=FOSTER, KEIR
25 AU=FOSTER, KEITH
3 AU=FOSTER, KEITH A
192 AU=FOSTER, KEITH A.
10 AU=FOSTER, KEITH A. (ED)
16 AU=FOSTER, KEITH ALAN
3 AU=FOSTER, KEITH ALLEN
1 AU=FOSTER, KEITH D.
1 AU=FOSTER, KEITH EDWARD ST. JOHN
1 AU=FOSTER, KEITH THOMAS

S31 314 S E1-E11

? s s31 and toxin

314 S31
1038535 TOXIN

S32 47 S S31 AND TOXIN

? rd

>>>w: Duplicate detection is not supported for File 393.

Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S33 42 RD (UNIQUE ITEMS)

? t s33/3,k/1-10

>>>w: KWIC option is not available in file(s): 399

33/3,k/1 (Item 1 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options

CSA Life Sciences Abstracts

(c) 2008 CSA. All rights reserved.

0003124086 IP Accession No: 7733773

Manipulation of Signal Transduction by Botulinum Neurotoxins and their Derivatives

Chaddock, John A; Foster, Keith A

Current Signal Transduction Therapy , v 2 , n 3 , p 221-225 , September 2007

Publication Date: 2007

Publisher: Bentham Science Publishers B.V., P.O. Box 1673 Hilversum 1200 BR The Netherlands, [mailto:shidding@worldonline.nl], [URL:http://www.bentham.org]

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 1574-3624

File Segment: Bacteriology Abstracts (Microbiology B)

Chaddock, John A; Foster, Keith A

Descriptors: Acetylcholine; Autonomic nervous system; Botulinum toxin; Cholinergic nerves; Intercellular signalling; N-Ethylmaleimide-sensitive protein; Neurotoxins; Neurotransmission; Neurotransmitter release; Proteolysis; Receptor channels...

singlechaintoxin.txt

33/3,K/2 (Item 1 from file: 393) Links

Beilstein Database - Abstracts

(c) 2008 Beilstein GmbH. All rights reserved.

Beilstein Abstract Id: 6641440

Title: Capsaicin-Stimulated Release of Substance P from Cultured Dorsal Root Ganglion Neurons: Involvement of Two Distinct Mechanisms

Document Type: Journal Record Type: Abstract

Author: Purkiss, John; Welch, Mary; Doward, Sarah; Foster, Keith

Citation: Biochem. Pharmacol. (2000) Series: 59-11, 1403 - 1406 CODEN: BCPA6

Language: English

Abstract Language: English

Author: Purkiss, John; Welch, Mary; Doward, Sarah; Foster, Keith

Patent Assignee:

Abstract: ... induced release and brought about a robust response to potassium. Preincubation of cells with botulinum neurotoxin A (100 nM) completely blocked potassium-induced release but the capsaicin response, in the absence of Ca(2+), was unaffected. However, toxin treatment dramatically reduced capsaicin-stimulated release in the presence of Ca(2+). It is concluded...

Abstract Language:

Keywords: capsaicin; botulinum neurotoxin A; dorsal root ganglion neurons; neurotransmitter release; synaptosomal-associated protein of 25 kDa (SNAP-25...

33/3,K/3 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

149440380

CA: 149(20)440380z

PATENT

Cytotoxic toxin fusion proteins for treatment of conditions involving mucus hypersecretion

Inventor (Author): Foster, Keith Alan; Chaddock, John

Location: UK,

Assignee: Syntaxin, Ltd.

Patent: U.S. Pat. Appl. Publ. ; US 20080249019 A1 Date: 20081009

Application: US 2008101749 (20080411) *GB 9818548 (19980825) *WO 99GB2806 (19990825)

*US 2001763669 (20010529) *US 2003633698 (20030805) *US 2006518213 (20060911) *US

2007806496 (20070531)

Pages: 79pp., Cont.-in-part of U.S. Ser. No. 806,496.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 514012000

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/02 A I F B 20060101 20081009 H US

A61P-0011/06 A N L B 20060101 20081009 H US

A61P-0011/16 A N L B 20060101 20081009 H US

33/3,K/4 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148347366

CA: 148(16)347366u

PATENT

Novel agent for controlling cell activity

Inventor (Author): North, John Robert; Foster, Keith Alan; Quinn, Conrad Padraig; Shone, Clifford Charles

Location: Can.,

Patent: U.S. Pat. Appl. Publ. ; US 20080070278 A1 Date: 20080320

Application: US 2007819647 (20070628) *GB 935735 (19930319) *WO 94GB558 (19940318)

*US 513878 (19951201) *US 2000572431 (20000517)

Pages: 9pp., Cont.-in-part of U. S. Ser. No. 572,431.

CODEN: USXXCO

singlechaintoxin.txt

Language: English

Patent Classifications:

Class: 435069100

IPCR/8 + Level Value Position Status Version Action Source Office:

C12P-0021/04	A	I	F	B	20060101	20080320	H	US
C07H-0021/00	A	I	L	B	20060101	20080320	H	US
C07K-0014/00	A	I	L	B	20060101	20080320	H	US
C07K-0016/18	A	I	L	B	20060101	20080320	H	US
C12N-0009/00	A	I	L	B	20060101	20080320	H	US

33/3,K/5 (Item 3 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148230138

CA: 148(11)230138e

PATENT

Methods and compounds for the treatment of mucus hypersecretion by inhibiting mucus secretion using compounds having targeting and translocating modified light chain of clostridial neurotoxin

Inventor (Author): Quinn, Conrad Padraig; Foster, Keith Alan; Chaddock, John

Location: UK,

Assignee: Syntaxin Ltd.

Patent: U.S. Pat. Appl. Publ. ; US 20080032928 A1 Date: 20080207

Application: US 2007806496 (20070531) *GB 9818548 (19980825) *WO 99GB2806 (19990825)

*US 2001763669 (20010529) *US 2003633698 (20030805) *US 2006518213 (20060911)

Pages: 80pp., Cont.-in-part of U.S. Ser. No. 518,213.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 514012000

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/00	A	I	F	B	20060101	20080207	H	US
A61P-0011/00	A	I	L	B	20060101	20080207	H	US
C07H-0021/04	A	I	L	B	20060101	20080207	H	US
C07K-0016/00	A	I	L	B	20060101	20080207	H	US

33/3,K/6 (Item 4 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148024474

CA: 148(2)24474h

PATENT

Clostridial neurotoxin fusion proteins targeted to nociceptive sensory neurons for the treatment of pain

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Aoki, K. Roger; Francis, Joseph; Steward, Lance

Location: UK,

Assignee: Syntaxin Limited; Allergan, Inc.

Patent: PCT International ; WO 2007138339 A2 Date: 20071206

Application: WO 2007GB2049 (20070601) *GB 200610867 (20060601)

Pages: 124pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/48	A	I	F	B	20060101	H	EP
A61K-0039/08	A	I	L	B	20060101	H	EP
A61P-0025/04	A	I	L	B	20060101	H	EP

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA

singlechaintoxin.txt

Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

33/3,K/7 (Item 5 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268110 CA: 147(13)268110g CONFERENCE PROCEEDING
Development of therapeutics based upon clostridial endopeptidase activity
Author: Foster, Keith A.; Chaddock, John A.
Location: Syntaxin Ltd., Salisbury, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 195-212
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

33/3,K/8 (Item 6 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268109 CA: 147(13)268109p CONFERENCE PROCEEDING
Expanding clinical uses of botulinum neurotoxins
Author: Moore, A. Peter
Location: The Walton Centre for Neurology and Neurosurgery, Liverpool University, Liverpool, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 163-194
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

33/3,K/9 (Item 7 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268108 CA: 147(13)268108n CONFERENCE PROCEEDING
Introduction to clinical use of botulinum neurotoxins
Author: Barnes, Michael P.
Location: Hunters Moor Regional Rehabilitation Centre, Newcastle-upon-Tyne, UK,
Journal: Treat. Toxins
Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
Date: 2007
Pages: 139-162
CODEN: 69IYSV
Language: English
Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

33/3,K/10 (Item 8 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147135615 CA: 147(7)135615d CONFERENCE PROCEEDING
Page 65

singlechaintoxin.txt

Three-dimensional protein structures of light chains of botulinum neurotoxin serotypes A, B, and E and tetanus neurotoxin

Author: Swaminathan, Subramanyam; Stevens, Raymond C.

Location: Dep. Biology, Brookhaven National Lab., Upton, NY, USA

Journal: Treat. Toxins

Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),

Date: 2007

Pages: 19-45

CODEN: 69IYSV

Language: English

Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

? e au=chaddock, j?

Ref	Items	Index-term
E1	5	AU=CHADDOCK, J.B
E2	26	AU=CHADDOCK, J.B.
E3	0	AU=CHADDOCK, J?
E4	17	AU=CHADDOCK, JA
E5	1	AU=CHADDOCK, JA*
E6	79	AU=CHADDOCK, JACK B.
E7	1	AU=CHADDOCK, JACK BARTLEY
E8	5	AU=CHADDOCK, JOEL
E9	11	AU=CHADDOCK, JOHN
E10	6	AU=CHADDOCK, JOHN A
E11	20	AU=CHADDOCK, JOHN A.
E12	7	AU=CHADDOCK, JOHN ANDREW
E13	1	AU=CHADDOCK, K.M.
E14	1	AU=CHADDOCK, L.
E15	1	AU=CHADDOCK, LAURA
E16	2	AU=CHADDOCK, M.
E17	1	AU=CHADDOCK, P.
E18	1	AU=CHADDOCK, R. E. V.
E19	3	AU=CHADDOCK, R.E.
E20	2	AU=CHADDOCK, RICHARD E.
E21	1	AU=CHADDOCK, ROBERT EMMET
E22	1	AU=CHADDOCK, ROGER
E23	1	AU=CHADDOCK, ROGER E.
E24	4	AU=CHADDOCK, S
E25	1	AU=CHADDOCK, S.

Enter PAGE for more

? s e1-e12

	5	AU=CHADDOCK, J.B
	26	AU=CHADDOCK, J.B.
	0	AU=CHADDOCK, J?
	17	AU=CHADDOCK, JA
	1	AU=CHADDOCK, JA*
	79	AU=CHADDOCK, JACK B.
	1	AU=CHADDOCK, JACK BARTLEY
	5	AU=CHADDOCK, JOEL
	11	AU=CHADDOCK, JOHN
	6	AU=CHADDOCK, JOHN A
	20	AU=CHADDOCK, JOHN A.
	7	AU=CHADDOCK, JOHN ANDREW
S34	178	S E1-E12

? s s34 and toxin

	178	S34
	1038535	TOXIN
S35	37	S S34 AND TOXIN

singlechaintoxin.txt

? rd

>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S36 28 RD (UNIQUE ITEMS)

? t s36/3,k/1-10

>>>W: KWIC option is not available in file(s): 399
36/3,k/1 (Item 1 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0003124086 IP Accession No: 7733773
Manipulation of Signal Transduction by Botulinum Neurotoxins and their Derivatives

Chaddock, John A; Foster, Keith A
Current Signal Transduction Therapy , v 2 , n 3 , p 221-225 , September 2007
Publication Date: 2007
Publisher: Bentham Science Publishers B.V., P.O. Box 1673 Hilversum 1200 BR The Netherlands, [mailto:shidding@worldonline.nl], [URL:http://www.bentham.org]

Document Type: Journal Article
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 1574-3624
File Segment: Bacteriology Abstracts (Microbiology B)
Chaddock, John A; Foster, Keith A

Descriptors: Acetylcholine; Autonomic nervous system; Botulinum toxin; Cholinergic nerves; Intercellular signalling; N-Ethylmaleimide-sensitive protein; Neurotoxins; Neurotransmission; Neurotransmitter release; Proteolysis; Receptor channels...

36/3,k/2 (Item 2 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0002967956 IP Accession No: 7189280
Clostridial neurotoxins: structure-function led design of new therapeutics

Chaddock, JA; Marks, PMH Health Protection Agency, Centre for Emergency Preparedness and Response, Porton Down, Salisbury, Wiltshire SP4 0JG (United Kingdom), [mailto:john.chaddock@hpa.org.uk]
Cellular and Molecular Life Sciences , v 63 , n 5 , p 540-551 , March 2006
Publication Date: 2006

Document Type: Journal Article; Review
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 1420-682X
File Segment: CSA Neurosciences Abstracts
Chaddock, JA; Marks, PMH

Abstract:
...crystallographic structures of individual domains, has enabled researchers to explore structure-function relationships of the toxin domains more closely. These advances have facilitated a greater understanding of the potential use of...

Descriptors: Botulinum toxin; Botulism; Drug development; Neurotoxins; Reviews; Structure-function relationships; Tetanus
Identifiers:

singlechaintoxin.txt

36/3,K/3 (Item 3 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0002373660 IP Accession No: 5450650

Inhibition of Release of Neurotransmitters from Rat Dorsal Root Ganglia by a Novel Conjugate of a Clostridium botulinum Toxin A Endopeptidase Fragment and Erythrina cristagalli Lectin

Duggan, MJ; Quinn, CP; Chaddock, JA; Purkiss, JR; Alexander, FCG ; Doward, S; Fooks, SJ; Friis, LM; Hall, YHJ; Kirby, ER; Leeds, N; Moulds, HJ; Dickenson, A; Green, GM; Rahman, W; Suzuki, R; Shone, CC; Foster, KA Centre for Applied Microbiology and Research, Porton Down, Salisbury, Wiltshire SP4 0JG, United Kingdom,
[mailto:john.chaddock@camr.org.uk]
Journal of Biological Chemistry , v 277 , n 38 , p 34846-34852 , September 20, 2002
Publication Date: 2002

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0021-9258

File Segment: Toxicology Abstracts; CSA Neurosciences Abstracts

...of Neurotransmitters from Rat Dorsal Root Ganglia by a Novel Conjugate of a Clostridium botulinum Toxin A Endopeptidase Fragment and Erythrina cristagalli Lectin

Duggan, MJ; Quinn, CP; Chaddock, JA; Purkiss, JR; Alexander, FCG ; Doward, S; Fooks, SJ; Friis, LM; Hall, YHJ; Kirby, ER...

36/3,K/4 (Item 4 from file: 24) Links

Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
(c) 2008 CSA. All rights reserved.
0001271228 IP Accession No: 2990145

Addition of an ER retention signal to the ricin A chain increases the cytotoxicity of the holotoxin.

Wales, R; Chaddock, JA; Roberts, LM; Lord, JM Dep. Biol. Sci., Univ. Warwick, Coventry CV4 7AL, UK
Experimental Cell Research , v 203 , n 1 , p 1-4 , 1992
Addl. Source Info: Experimental Cell Research [EXP. CELL RES.], vol. 203, no. 1, pp. 1-4, 1992
Publication Date: 1992

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0014-4827

File Segment: Toxicology Abstracts; Biological Membranes (Biochemistry Abstracts 1)

Wales, R; Chaddock, JA; Roberts, LM; Lord, JM

Abstract:

With the exception of diphtheria toxin, which translocates from acidified endosomes, the intracellular organelle from which the catalytic moieties of several...

36/3,K/5 (Item 1 from file: 98) Links

singlechaintoxin.txt

General Sci Abs

(c) 2008 The HW Wilson Co. All rights reserved.

04878818 H.W. Wilson Record Number: BGSA02128818

Botulinum and tetanus neurotoxins: structure, function and therapeutic utility.

Augmented Title: review

Turton, Kathryn

Chaddock, John A; Acharya, K. Ravi

Trends in Biochemical Sciences (Trends Biochem Sci) v. 27 no11 (Nov. 2002) p. 552-8

Special Features: bibl f il ISSN: 0968-0004

Language: English

Country Of Publication: United Kingdom

Chaddock, John A; Acharya, K. Ravi

Descriptors:

...Inhibition; Neuromuscular junction; Botulinum toxin

36/3,K/6 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

149440380 CA: 149(20)440380z PATENT

Cytotoxic toxin fusion proteins for treatment of conditions involving mucus hypersecretion

Inventor (Author): Foster, Keith Alan; Chaddock, John

Location: UK,

Assignee: Syntaxin, Ltd.

Patent: U.S. Pat. Appl. Publ. ; US 20080249019 A1 Date: 20081009

Application: US 2008101749 (20080411) *GB 9818548 (19980825) *WO 99GB2806 (19990825)

*US 2001763669 (20010529) *US 2003633698 (20030805) *US 2006518213 (20060911) *US

2007806496 (20070531)

Pages: 79pp., Cont.-in-part of U.S. Ser. No. 806,496.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 514012000

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/02 A I F B 20060101 20081009 H US

A61P-0011/06 A N L B 20060101 20081009 H US

A61P-0011/16 A N L B 20060101 20081009 H US

36/3,K/7 (Item 2 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148323010 CA: 148(15)323010x JOURNAL

Botulinum neurotoxin A and neurotoxin E cleavage products of synaptosome-associated protein of 25 kd exhibit distinct actions on pancreatic islet .beta.-cell Kv2.1 channel gating

Author: He, Yan; Elias, Chadwick L.; Huang, Ya-Chi; Gao, Xiaodong; Leung, Yuk-Man; Kang, Youhou; Xie, Huanli; Chaddock, John A.; Tsushima, Robert G.; Gaisano, Herbert Y.

Location: Departments of Medicine and Physiology, University of Toronto, Toronto, ON, Can.,

Journal: Pancreas (Hagerstown, MD, U. S.)

Date: 2008

Volume: 36 Number: 1 Pages: 10-17

CODEN: PANCE4

ISSN: 0885-3177

Language: English

Publisher: Lippincott Williams & Wilkins

36/3,K/8 (Item 3 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148230138

CA: 148(11)230138e

PATENT

Methods and compounds for the treatment of mucus hypersecretion by inhibiting mucus secretion using compounds having targeting and translocating modified light chain of clostridial neurotoxin

Inventor (Author): Quinn, Conrad Padraig; Foster, Keith Alan; Chaddock, John

Location: UK,

Assignee: Syntaxin Ltd.

Patent: U.S. Pat. Appl. Publ. ; US 20080032928 A1 Date: 20080207

Application: US 2007806496 (20070531) *GB 9818548 (19980825) *WO 99GB2806 (19990825)

*US 2001763669 (20010529) *US 2003633698 (20030805) *US 2006518213 (20060911)

Pages: 80pp., Cont.-in-part of U.S. Ser. No. 518,213.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 514012000

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/00 A I F B 20060101 20080207 H US

A61P-0011/00 A I L B 20060101 20080207 H US

C07H-0021/04 A I L B 20060101 20080207 H US

C07K-0016/00 A I L B 20060101 20080207 H US

36/3,K/9 (Item 4 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148024474

CA: 148(2)24474h

PATENT

Clostridial neurotoxin fusion proteins targeted to nociceptive sensory neurons for the treatment of pain

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Aoki, K. Roger; Francis, Joseph; Steward, Lance

Location: UK,

Assignee: Syntaxin Limited; Allergan, Inc.

Patent: PCT International ; WO 2007138339 A2 Date: 20071206

Application: WO 2007GB2049 (20070601) *GB 200610867 (20060601)

Pages: 124pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/48 A I F B 20060101 H EP

A61K-0039/08 A I L B 20060101 H EP

A61P-0025/04 A I L B 20060101 H EP

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA
Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

36/3,K/10 (Item 5 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

147268110 CA: 147(13)268110g CONFERENCE PROCEEDING
 Development of therapeutics based upon clostridial endopeptidase activity
 Author: Foster, Keith A.; Chaddock, John A.
 Location: Syntaxin Ltd., Salisbury, UK,
 Journal: Treat. Toxins
 Editor: Foster, Keith A. (Ed), Hambleton, Peter (Ed), Shone, Clifford C (Ed),
 Date: 2007
 Pages: 195-212
 CODEN: 69IYSV
 Language: English
 Publisher: CRC Press LLC , Boca Raton, Fla ISBN: 978-0-8493-2709-4

? e au=marks, philip?

Ref	Items	Index-term
E1	1	AU=MARKS, PHILIP M. H.
E2	1	AU=MARKS, PHILIP S.
E3	0	AU=MARKS, PHILIP?
E4	1	AU=MARKS, PHILLIPA
E5	1	AU=MARKS, PIERCE
E6	23	AU=MARKS, PJ
E7	40	AU=MARKS, PL
E8	1	AU=MARKS, PMH
E9	1	AU=MARKS, PR
E10	1	AU=MARKS, PS
E11	2	AU=MARKS, PT
E12	8	AU=MARKS, PW
E13	145	AU=MARKS, R
E14	707	AU=MARKS, R.
E15	1	AU=MARKS, R. (NEW SOUTH WALES UNIV., KENSINGTON (
E16	3	AU=MARKS, R. A
E17	20	AU=MARKS, R. A.
E18	64	AU=MARKS, R. B.
E19	4	AU=MARKS, R. C.
E20	7	AU=MARKS, R. D.
E21	1	AU=MARKS, R. E
E22	19	AU=MARKS, R. E.
E23	6	AU=MARKS, R. F
E24	93	AU=MARKS, R. F.
E25	8	AU=MARKS, R. G.

Enter PAGE for more

? s e1-e2

	1	AU=MARKS, PHILIP M. H.
	1	AU=MARKS, PHILIP S.
S37	2	S E1-E2

? s s37 and toxin

	2	S37
	1038535	TOXIN
S38	1	S S37 AND TOXIN

? e au=sutton, j?

Ref	Items	Index-term
E1	6	AU=SUTTON, J.T.
E2	7	AU=SUTTON, J.W.
E3	0	AU=SUTTON, J?
E4	16	AU=SUTTON, JA
E5	2	AU=SUTTON, JA JR

singlechaintoxin.txt

E6 16 AU=SUTTON, JACK
 E7 3 AU=SUTTON, JACK W.
 E8 1 AU=SUTTON, JACKIE
 E9 1 AU=SUTTON, JACKLENE
 E10 1 AU=SUTTON, JACQUELINE Y.
 E11 1 AU=SUTTON, JAIM
 E12 6 AU=SUTTON, JAIME M.
 E13 12 AU=SUTTON, JAMES
 E14 1 AU=SUTTON, JAMES A
 E15 2 AU=SUTTON, JAMES A.
 E16 1 AU=SUTTON, JAMES A., JR
 E17 1 AU=SUTTON, JAMES BISHOP, JR
 E18 519 AU=SUTTON, JAMES C.
 E19 3 AU=SUTTON, JAMES C., JR.
 E20 2 AU=SUTTON, JAMES CLIFFORD, JR.
 E21 1 AU=SUTTON, JAMES D
 E22 1 AU=SUTTON, JAMES D.
 E23 2 AU=SUTTON, JAMES DOUGLAS
 E24 13 AU=SUTTON, JAMES E.
 E25 7 AU=SUTTON, JAMES EDWARD
 Enter PAGE for more

? s e13-e25

12 AU=SUTTON, JAMES
 1 AU=SUTTON, JAMES A
 2 AU=SUTTON, JAMES A.
 1 AU=SUTTON, JAMES A., JR
 1 AU=SUTTON, JAMES BISHOP, JR
 519 AU=SUTTON, JAMES C.
 3 AU=SUTTON, JAMES C., JR.
 2 AU=SUTTON, JAMES CLIFFORD, JR.
 1 AU=SUTTON, JAMES D
 1 AU=SUTTON, JAMES D.
 2 AU=SUTTON, JAMES DOUGLAS
 13 AU=SUTTON, JAMES E.
 7 AU=SUTTON, JAMES EDWARD
 S39 565 S E13-E25

? s s39 and toxin

565 S39
 1038535 TOXIN
 S40 0 S S39 AND TOXIN

? e au=stancombe, p?

Ref	Items	Index-term
E1	4	AU=STANCOMBE, P.
E2	2	AU=STANCOMBE, P. R.
E3	0	AU=STANCOMBE, P?
E4	6	AU=STANCOMBE, PATRICK
E5	1	AU=STANCOMBE, PATRICK R.
E6	2	AU=STANCOMBE, R
E7	2	AU=STANCOMBE, R.
E8	2	AU=STANCOMBE, S.
E9	1	AU=STANCOMPIANO, P. A.
E10	1	AU=STANCON, ALEXEI
E11	1	AU=STANCOT, J.
E12	1	AU=STANCOTO, LOUIS F.
E13	5	AU=STANCOU H
E14	82	AU=STANCOU R
E15	39	AU=STANCOU R.
E16	20	AU=STANCOU RODICA
E17	15	AU=STANCOU, R
E18	3	AU=STANCOU, R.

singlechaintoxin.txt

E19 15 AU=STANCOU, RODICA
E20 1 AU=STANCOUCHEVA G
E21 2 AU=STANCOV, A.
E22 1 AU=STANCOV, ALEXANDRU
E23 1 AU=STANCOVA V
E24 1 AU=STANCOVA VLASTA
E25 1 AU=STANCOVEN A

Enter PAGE for more

? s e1-e5

4 AU=STANCOMBE, P.
2 AU=STANCOMBE, P. R.
0 AU=STANCOMBE, P?
6 AU=STANCOMBE, PATRICK
1 AU=STANCOMBE, PATRICK R.
S41 13 S E1-E5

? s s41 and toxin

13 S41
1038535 TOXIN
S42 5 S S41 AND TOXIN

? t s42/3,k/1-42

>>>W: KWIC option is not available in file(s): 399

42/3,K/1 (Item 1 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

148024474 CA: 148(2)24474h PATENT

Clostridial neurotoxin fusion proteins targeted to nociceptive sensory neurons for the treatment of pain

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Aoki, K. Roger; Francis, Joseph; Steward, Lance

Location: UK,

Assignee: Syntaxin Limited; Allergan, Inc.

Patent: PCT International ; WO 2007138339 A2 Date: 20071206

Application: WO 2007GB2049 (20070601) *GB 200610867 (20060601)

Pages: 124pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/48 A I F B 20060101 H EP

A61K-0039/08 A I L B 20060101 H EP

A61P-0025/04 A I L B 20060101 H EP

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; UA
Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

42/3,K/2 (Item 2 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

145050778 CA: 145(3)50778t PATENT

Fusion proteins comprising non-cytotoxic protease, translocation, protease cleavage site, and targeting moieties for the treatment of pain

singlechaintoxin.txt

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Aoki, K. Roger; Francis, Joseph; Steward, Lance

Location: UK,

Assignee: Health Protection Agency; Allergan, Inc.

Patent: PCT International ; WO 200659093 A2 Date: 20060608

Application: WO 2005GB4585 (20051201) *GB 200426394 (20041201) *GB 20054964 (20050310)

Pages: 267 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

A61K-0038/16 A I F B 20060101 H EP

C07K-0019/00 A I L B 20060101 H EP

C07K-0014/435 A I L B 20060101 H EP

C12N-0015/62 A I L B 20060101 H EP

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

42/3,K/3 (Item 3 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

145050777 CA: 145(3)50777s PATENT

Fusion proteins comprising non-cytotoxic protease, translocation, protease cleavage site, and targeting moieties for the treatment of diseases

Inventor (Author): Foster, Keith; Chaddock, John; Marks, Philip; Stancombe, Patrick; Durose, Lyndsey

Location: UK,

Assignee: Health Protection Agency

Patent: PCT International ; WO 200659113 A2 Date: 20060608

Application: WO 2005GB4606 (20051201) *GB 200426397 (20041201)

Pages: 114 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPCR/8 + Level Value Position Status Version Action Source Office:

C07K-0014/33 A I F B 20060101 H EP

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

42/3,K/4 (Item 4 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

143417270 CA: 143(23)417270f PATENT

recombinant expression of clostridial neurotoxin light and heavy chain domain and

singlechaintoxin.txt

its antibody and DNA vaccine applications

Inventor (Author): Shone, Charles Clifford; Quinn, Conrad Padraig; Foster, Keith Alan; Chaddock, John; Marks, Philip; Sutton, J. Mark; Stancombe, Patrick; Wayne, Jonathan

Location: UK,

Patent: U.S. Pat. Appl. Publ. ; US 20050244435 A1 Date: 20051103

Application: US 200577550 (20050311) *GB 9617671 (19960823) *GB 9625996 (19961213) *US 782893 (19961227) *WO 97GB2273 (19970822) *US 255829 (19990223) *US 2002241596 (20020912)

Pages: 45 pp., Cont.-in-part of U.S. Ser. No. 241,596.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 424239100; A61K-039/08A

42/3,K/5 (Item 5 from file: 399) Links

CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

139207733 CA: 139(14)207733a PATENT

Construction of recombinant single-chain toxins for use in vaccines and toxin assays

Inventor (Author): Shone, Clifford Charles; Quinn, Conrad Padraig; Foster, Keith Alan; Chaddock, John; Marks, Philip; Sutton, J. Mark; Stancombe, Patrick; Wayne, Jonathan

Location: UK,

Assignee: Microbiological Research Authority; Speywood Laboratory Limited

Patent: U.S. Pat. Appl. Publ. ; US 20030166238 A1 Date: 20030904

Application: US 241596 (20020912) *GB 9617671 (19960823) *GB 9625996 (19961213) *US 782893 (19961227) *WO 97GB2273 (19970822) *US 255829 (19990223) *US 242689 (19990223)

Pages: 37 pp., Cont.-in-part of U.S. Ser. No. 255,829.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 435219000; C12N-009/50A; C07H-021/04B; C12P-021/04B; C12N-001/21B; C07K-014/33B

>>>W: KWIC option is not available in file(s): 399

? e au=wayne, johnathan?

Ref	Items	Index-term
E1	1	AU=WAYNE, JOHN BRUCE
E2	1	AU=WAYNE, JOHN DAVID ALEXANDER
E3	0	AU=WAYNE, JOHNATHAN?
E4	4	AU=WAYNE, JONATHAN
E5	2	AU=WAYNE, JONATHAN M
E6	1	AU=WAYNE, JONATHAN M.
E7	2	AU=WAYNE, JONATHAN MARK
E8	1	AU=WAYNE, JOSEPH EMMETT, III
E9	1	AU=WAYNE, JOSHUA
E10	1	AU=WAYNE, JR., W.W.
E11	13	AU=WAYNE, JS
E12	1	AU=WAYNE, JULIE RENEE HOLLIDAY
E13	2	AU=WAYNE, K. D.
E14	1	AU=WAYNE, K. R.
E15	1	AU=WAYNE, K.D.
E16	2	AU=WAYNE, K.J.
E17	1	AU=WAYNE, KALYN
E18	3	AU=WAYNE, KAREN
E19	1	AU=WAYNE, KAREN S

singlechaintoxin.txt

E20 1 AU=WAYNE, KATHRYN R.
 E21 1 AU=WAYNE, KATHRYN ROSS
 E22 1 AU=WAYNE, KENNETH ERIC
 E23 1 AU=WAYNE, KENNETH S.
 E24 1 AU=WAYNE, KERSTIN PERSSON
 E25 1 AU=WAYNE, KEVIN D
 Enter PAGE for more

? s e4-e7

4 AU=WAYNE, JONATHAN
 2 AU=WAYNE, JONATHAN M
 1 AU=WAYNE, JONATHAN M.
 2 AU=WAYNE, JONATHAN MARK
 S43 9 S E4-E7

? s s43 and toxin

9 S43
 1038535 TOXIN
 S44 4 S S43 AND TOXIN

? s s44/3,k/1-4
 >>>W: Invalid syntax
 >>>E: There is no result

? s s44

S45 4 S S44

? t s45/3,k/1-4
 >>>W: KWIC option is not available in file(s): 399
 45/3,k/1 (Item 1 from file: 399) Links
 Fulltext available through: STIC Full Text Retrieval Options
 CA SEARCH(R)
 (c) 2008 American Chemical Society. All rights reserved.

147023292 CA: 147(2)23292q JOURNAL
 Re-engineering the target specificity of clostridial neurotoxins - a route to novel
 therapeutics
 Author: Foster, Keith A.; Adams, Emily J.; Durose, Lyndsey; Cruttwell, Caroline J.;
 Marks, Elizabeth; Shone, Clifford C.; Chaddock, John A.; Cox, Clare L.; Heaton,
 Charlotte; Sutton, J. Mark; Wayne, Jonathan; Alexander, Frances C. G.; Rogers,
 Duncan F.
 Location: Centre for Emergency Preparedness & Response, Health Protection Agency,
 Salisbury, UK, SP4 0JG
 Journal: Neurotoxic. Res.
 Date: 2006
 Volume: 9 Number: 2,3 Pages: 101-107
 CODEN: NURRFI
 ISSN: 1029-8428
 Language: English
 Publisher: F. P. Graham Publishing Co.

45/3,k/2 (Item 2 from file: 399) Links
 CA SEARCH(R)
 (c) 2008 American Chemical Society. All rights reserved.

143417270 CA: 143(23)417270f PATENT
 recombinant expression of clostridial neurotoxin light and heavy chain domain and
 its antibody and DNA vaccine applications
 Inventor (Author): Shone, Charles Clifford; Quinn, Conrad Pdraig; Foster, Keith
 Alan; Chaddock, John; Marks, Philip; Sutton, J. Mark; Stancombe, Patrick; Wayne,
 Jonathan
 Location: UK,

singlechaintoxin.txt

Patent: U.S. Pat. Appl. Publ. ; US 20050244435 A1 Date: 20051103
Application: US 200577550 (20050311) *GB 9617671 (19960823) *GB 9625996 (19961213)
*US 782893 (19961227) *WO 97GB2273 (19970822) *US 255829 (19990223) *US 2002241596
(20020912)
Pages: 45 pp., Cont.-in-part of U.S. Ser. No. 241,596.
CODEN: USXXCO
Language: English
Patent Classifications:
Class: 424239100; A61K-039/08A

45/3,K/3 (Item 3 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

143280836 CA: 143(16)280836y JOURNAL
Preparation of specifically activatable endopeptidase derivatives of Clostridium
botulinum toxins type A, B, and C and their applications
Author: Sutton, J. Mark; Wayne, Jonathan; Scott-Tucker, Anthony; O'Brien, Susan M.;
Marks, Philip M. H.; Alexander, Frances C. G.; Shone, Clifford C.; Chaddock, John A.
Location: Centre for Applied Microbiology and Research, Health Protection Agency,
Wiltshire, UK, SP4 0JG
Journal: Protein Expression Purif.
Date: 2005
Volume: 40 Number: 1 Pages: 31-41
CODEN: PEXPEJ
ISSN: 1046-5928
Publisher Item Identifier: 1046-5928(04)00232-3
Language: English
Publisher: Elsevier

45/3,K/4 (Item 4 from file: 399) Links
CA SEARCH(R)
(c) 2008 American Chemical Society. All rights reserved.

139207733 CA: 139(14)207733a PATENT
Construction of recombinant single-chain toxins for use in vaccines and toxin assays
Inventor (Author): Shone, Clifford Charles; Quinn, Conrad Padraig; Foster, Keith
Alan; Chaddock, John; Marks, Philip; Sutton, J. Mark; Stancombe, Patrick; Wayne,
Jonathan
Location: UK,
Assignee: Microbiological Research Authority; Speywood Laboratory Limited
Patent: U.S. Pat. Appl. Publ. ; US 20030166238 A1 Date: 20030904
Application: US 241596 (20020912) *GB 9617671 (19960823) *GB 9625996 (19961213) *US
782893 (19961227) *WO 97GB2273 (19970822) *US 255829 (19990223) *US 242689
(19990223)
Pages: 37 pp., Cont.-in-part of U.S. Ser. No. 255,829.
CODEN: USXXCO
Language: English
Patent Classifications:
Class: 435219000; C12N-009/50A; C07H-021/04B; C12P-021/04B; C12N-001/21B;
C07K-014/33B

? d s
Set Items Description
S1 68 S E9-E25
S2 0 S S1 AND SACCHARIDE

singlechaintoxin.txt

S3	314	S E1-E11
S4	0	S S3 AND SACCHARIDE
S5	314	S S3
S6	283	RD (unique items)
S7	0	S S6 AND STAPHYLOCCAL
S8	44	S E9-E12
S9	1	S S8 AND SACCHARIDE
S10	21	S E3-E13
S11	21	RD (unique items)
S12	0	S S11 AND STAPH?
S13	21	S S11
S14	21	S S13
S15	21	RD (unique items)
S16	21	RD (unique items)
S17	0	S S16 AND POLYSACC?
S18	21	S S16
S19	624	S E1-E25
S20	624	S S19
S21	0	S S20 AND SACCHARIDE
S22	0	S S21 AND POLY?
S23	0	S S21
S24	624	S S20
S25	0	S S24 AND AUREUS
S26	103	S E1-E8,E24,E25
S27	0	S S25 AND TOXIN
S28	103	S S26
S29	85	RD (unique items)
S30	60	S S29 AND TOXIN
S31	314	S E1-E11
S32	47	S S31 AND TOXIN
S33	42	RD (unique items)
S34	178	S E1-E12
S35	37	S S34 AND TOXIN
S36	28	RD (unique items)
S37	2	S E1-E2
S38	1	S S37 AND TOXIN
S39	565	S E13-E25
S40	0	S S39 AND TOXIN
S41	13	S E1-E5
S42	5	S S41 AND TOXIN
S43	9	S E4-E7
S44	4	S S43 AND TOXIN
S45	4	S S44